

1. MODEM का पूर्ण रूप है-

Full form of is MODE –

- A. Modular Demodulator
C. Modernisation design

- B. Medium Domain
D. None

2. कंप्यूटर डेटा में अशुद्धि को क्या कहा जाता है ?

- A. चीप B. बाइट C. बग D. बीट

Inaccuracy in computer data is called?

- A. Chip B. byte C. bug D. bit

3. HTML का पूर्ण रूप है-

What is the Full form of HTML

- A. Hyper Text Multiple Language
B. Hyper Text multimedia Language
C. Hyper Text mark up Language
D. Hyper Text marked Language

4. भूकंप मापने वाली मशीन का आकार कैसा होता है?

- a. रिक्टर स्केल और भूकंपग्राम B. ऑडियोमीटर
C. चक्करमापी D. बायोमीटर

What is the magnitude of the earthquake measuring machine?

- b. Richter Scale & seismogram B. Audiometer
c. Odometer D. Biometer

5. किस देश को निप्पॉन (NIPPON) (उगते सूर्य का देश) के रूप में भी जाना जाता है?

Which country is also known as NIPPON (Land of Rising Sun)?

- A. चीन/China B. अमेरीका/America C. यूरोप/Europe D.

जापान/Japan

6. इलेक्ट्रिक मोटर निम्नलिखित में से किस सिद्धांत के अनुसार काम करता है .

- A. फैराडे का सिद्धांत B. लायन के सिद्धांत C. ओम का सिद्धांत D. फ्लेमिंग का सिद्धांत

Electric motor works according to the following principle

- A. Faraday's Law B. Laws of lion C. ohm's law D. fleming's law

7. उस व्यक्ति का नाम बताएं जिसे देशबंधु के नाम से भी जाना जाता था

- A. एस राधाकृष्णन B. जी के गोखले C. चतरंजन दास D. मदन मोहन मालवीय

Name the person who was also known as Deshbandhu

- A. S. Radhakrishnan B. G.K. Gokhale C. chttaranjan Das D. Madan

Mohan Malviya

8. भारत में दूधसागर का पानी कहां गिरता है?

Where is the Dudhsagar water fall in India?

- a. गोवा/Goa B. कर्नाटक /Karnataka C. गुजरात /Gujarat D. राजस्थान /Rajasthan

9. भारत में प्रथम ट्रेन कब चलाई?

- A. 16 अप्रैल, 1853 B. 16 सितम्बर 1853 C. 16 अगस्त 1853 D. 16 जनवरी 1853

When did the first train run in India?

- A. 16th /April, 1853 B. 16th Sep 1853 C. 16th Aug 1853 D. 16th Jan 1853

10. आप मतदान नहीं दे सकते हैं अगर आप 18 ----- है

You can't vote if you are ----- 18

- A. से कम/under B. नीचे/below C. के/at D. उपरोक्त में से कोई नहीं/none of the above

11. भारत और पाकिस्तान को बांटने वाली रेखा को क्या कहते हैं?

- A. रेडक्लिफ लाइन B. ड्यूरंट लाइन C. मैकमोहन लाइन D. इनमें से कोई नहीं

Line dividing India and Pakistan is called?

- A. Radcliffe Line B. Durant line C. McMahon Line D. None of these

12. इनमें से भारतीय उपमहाद्वीप का दक्षिणी सिरा कौन सा है?

- A. इंदिरा प्वाइंट B. केप कोमोरिन C. कैलिमेरो प्वाइंट D. इनमें से कोई नहीं

Which is the southern tip of Indian Subcontinent?

- A. Indira point B. Cape Comorin C. Calimero point D. None of these

13. "दक्षिण भारत का मैनचेस्टर" किस शहर को कहा जाता है?

The city Which is called "Manchester of South India"?

- A. कोयम्बटूर /Coimbatore B. मदुरै /Madurai C. बैंगलोर /Bangalore
D. चेन्नै/Chennai

14. निम्नलिखित शहर में से कौन सा त्रिपुरा की राजधानी है?

Which of the following city is the capital of Tripura?

- A. अगरतला /Agartala B. शिलांग /Shillong C. दिसपुर /Dispur
D. आइजोल/ Aizawl

15. किसी भी कारखाने या खदान में रोजगार के लिए न्यूनतम अनुमत आयु क्या है?

What is the minimum permissible age for employment in any factory or mine?

- A. 12 वर्ष/years B. 14 वर्ष/years C. 16 वर्ष/years D. 18 वर्ष/years

16. भारत में पहली रेलगाड़ी किन स्टेशनों के बीच चली थी?

- A. मुंबई-दिल्ली B. दिल्ली-थाणे C. मुंबई-पुणे D. मुंबई-थाणे

First railway ran between which stations in India?

- A. Mumbai-Delhi B. Delhi-Thane C. Mumbai-Pune D. Mumbai-Thane

17. संगम साहित्य किस राज्य का साहित्य है?

Sangam literature is the literature of which region?

- A. महाराष्ट्र /Maharashtra B. तमिलनाडु /Tamilnadu C. केरल/Kerala D. कर्नाटक /Karnataka

18. "हवामहल" कहां स्थित है?

Where is the "HawaMahal" located?

- A. उदयपुर /Udaipur B. जयसलमार /Jaisalmar C. चित्तौड़गढ़/Chittorgarh
D. जयपुर Jaipur

19. पर्यावरण और विकास पर होने वाले संयुक्त राष्ट्र सम्मेलन को क्या कहा जाता है?

- A. रिसोर्स शिखर सम्मेलन B. जल शिखर सम्मेलन C. पृथ्वी शिखर सम्मेलन D. वायु शिखर सम्मेलन

What is the United Nations Conference on Environment and Development called?

- A. Resource Summit B. Water summit C. Earth summit D. Air summit

20. सोडा पानीमें होता है

- A. कार्बोनिक एसिड B. सल्फ्यूरिक एसिड C. कार्बन डाइऑक्साइड D. नाइट्रस एसिड

✓ Soda water contains

- A. carbonic acid B. sulphuric acid C. carbon dioxide D. nitrous acid

21. पानी..... का रासायनिक फार्मूला है /Chemical formula for water is

- A. NaAlO₂ B. H₂O C. Al₂O₃ D. CaSiO₃

22. आमतौर पर बिजली के बल्ब में गैस भरी होती है

The gas usually filled in the electric bulb is

- A. नाइट्रोजन /nitrogen B. हाइड्रोजन /hydrogen C. कार्बन डाइऑक्साइड carbon dioxide
D. आक्सीजन oxygen

23. निम्नलिखित में से टेलीफोन का आविष्कार किसने किया है?

- A. अलेक्जेंडर ग्राहम बेल B. फ्रिट्ज फ्लुएमर C. पावेल शिलिंग D. मार्कोनी

Who among the following is invented the Telephone?

- A. Alexander Graham Bell B. Fritz Pfluemer C. Pavel Schilling D. Marconi

24. निम्नलिखित में से वर्ल्ड वाइड वेब (WWW) का आविष्कार किसने किया?

- A. सर टिम बर्नर्स-ली B. राल्फ एच बेयर C. पर्सी स्पेंसर D. इंजीलिस्टा टोरिसेली

Who among the following invented the World Wide Web (WWW)?

- A. Sir Tim Berners-Lee B. Ralph H. Baer C. Percy Spencer D. Evangelista Torricelli

25. मैरी कॉम निम्नलिखित खेल में से किससे संबंधित है?

Mary Kom is related to which of the following sport?

- A. तीरअंदाजी/Archery B. बॉक्सिंग /Boxing C. स्विमिंग /Swimming D. शूटिंग /Shooting

26. एक बिजली के बल्ब का वोल्टेज 240V और करंट 0.6 हो तो बल्ब ----- की शक्ति है

An electric bulb having voltage 240V and current 0.6 A has a power of -----

- A. 14.4 W B. 144 W C. 1440 W
D. 1.44 W

27. जिस प्रकार बैरोमीटर का संबंध दबाव है, उसी प्रकार भूकंप सूचक यंत्र का संबंध -----से है ?

Barometer is related to Pressure, in the same way as Seismograph is related to -----?

- A. वेग /Velocity B. भूकंप/Earth Quake C. बाढ़ /Flood D. तापमान /Temperature

28. निम्नलिखित में से कौन न्यूटन के गति के तीसरे नियम को दर्शाता है?

- A. जब कोई बस अचानक शुरू होता है, यात्रियों को पिछे की ओर झटका लगता है
B. जब हम साइकिल का पैडल मारना बंद कर देते हैं तो साइकिल धीमा हो जाता है
C. रॉकेट की लॉन्चिंग D. उपरोक्त सभी।

Which of the following illustrates Newton's third law of motion?

- A. When a bus starts suddenly, the passengers receive backward jerk
B. When we stop pedaling the bicycle slows down
C. The launching of a rocket D. All of the above.

29. सत्य के साथ मेरे प्रयोगों किस राष्ट्रीय नेता की आत्मकथा है?

- A. महात्मा गांधी B. लाल बहादुर शास्त्री C. जवाहरलाल नेहरू D. रवींद्रनाथ टैगोर

The story of My Experiments with Truth is the autobiography of which National Leader?

- A. Mahatma Gandhi B. Lal Bahadur Sashtri C. Jawaharlal Nehru D. Rabindranath Tagore

30. हमारे राष्ट्रीय प्रतीक में निम्नलिखित में से कौन सा जानवर नहीं है?

Which of the following animal is not there in Our National Emblem?

- A. हाथी /Elephant B. घोड़ा /Horse C. साँड़/ Bull
D. बाघ /Tiger

31. स्क्रू गेज एक उपकरण है जिसका उपयोग ----- को मापने के लिए किया जाता है

Screw Gauge is a device used to measure -----

- A. तापमान /Temperature B. व्यास /Diameter C. वोल्टेज /Voltage
D. शक्ति /Power

32. निम्नलिखित में से किसको "लॉन्चिंग गैस" कहा जाता है?

Which of the following is called as "Launching Gas"?

- A. नाइट्रस ऑक्साइड /Nitrous Oxide B. नाइट्रिक ऑक्साइड Nitric Oxide
C. नाइट्रोजन डाइऑक्साइड /Nitrogen Dioxide D. नाइट्रोजन ट्राइऑक्साइड /Nitrogen Trioxide

33. विश्व स्वास्थ्य संगठन (डब्ल्यूएचओ) का मुख्यालय कहां स्थित है

Where is the headquarters of World Health Organisation (WHO) is located

- A. वियना /Vienna B. जनीवा /Geneva C. न्यूयार्क/ New York D. पेरिस /Paris

34. किस कर नीति के तहत एक राष्ट्र एक समान कर लागू किया गया था

A. वैल्यू एडेड टैक्स B. गुड्स एंड सर्विस टैक्स C. सेल्स टैक्स D. उपरोक्त सभी

Under which tax policy, one nation one uniform tax was implemented

- A. Value added Tax B. Goods and Service Tax C. Sales Tax D. All the above

35. राज्यसभा का सदस्य बनने के लिए न्यूनतम आयु आवश्यक है
The minimum age required to become a member of Rajya Sabha is

- A. 18 वर्ष/years B. 21 वर्ष/years C. 25 वर्ष/years
D. 30 वर्ष/years

36. मानव कान की सुनने की रेंज..... है /The hearing range of human ear is

- A. 20 Hz to 20,000 Hz B. 20,000 Hz से कम /less than 20,000 Hz
C. 20,000 Hz से अधिक /more than 20,000 Hz D. -20 Hz to 0 Hz

37. वर्ष 1750 में औद्योगिक क्रांति किस देश से शुरू हुई ?

Which country did the Industrial Revolution begin in the year 1750?

- A. फ्रांस /France B. इटली/ Italy C. जर्मनी /Germany D. इंग्लैंड/ England

38. प्रकाश वर्ष की एक इकाई है /Light year is a unit of

- A. समय /Time B. दूरी /Distance C. प्रकाश /Light D. प्रकाश की तीव्रता Intensity of light

39. सूर्यग्रहण तब लगेगा जब/Solar eclipse will take place when

- A. सूर्य, चंद्रमा और पृथ्वी के बीच आ जाता है /the sun is between the moon and the earth
B. पृथ्वी, चंद्रमा और सूर्य के बीच आ जाता है/ the earth is between the moon and the sun
C. चंद्रमा, सूर्य और पृथ्वी के बीच आ जाता है /the moon is between the sun and the earth
D. चंद्रमा, सूर्य और पृथ्वी को मिलाने वाली रेखा पर नहीं पड़ती है
the moon does not lie on the line joining the sun and the earth.

5. The king died-----

- A. Hareless B. heirless C. hairless D. airless

40. The ----- of a snow clad mountain is exciting

- A. site B. cite C. sight D. None

41. Suddenly Rani heard the sound of water trickling

- A. Dripping B. crawling C. gushing D. pouring

42. I some time ----- my temper

- A. Lose B. loose C. high D. higher

43. ----- makes a man perfect in his heart

- A. Disconnection B. disobedient C. practice D. absent

44. The boy ----- my car was very honest.

- A. to who I sell B. to whom I sold C. to who I sold D. to whom I sell

45. You will fail if you ----- studying now
 A. does not start B. do not start C. have not start D. has not start
46. He is overweight, so the doctor advised him ----- junk food.
 A. to lose B. to refrained from C. to refrain from D. to be refrain from
47. The plan fell ----- because of their laziness
 A. out B. away C. through D. apart
48. His house is ----- the way from Delhi to Chandigarh
 A. by B. in C. at D. on
49. This blazer comes ----- three different sizes.
 A. of B. with C. at D. in
50. We should inform ----- of them
 A. many B. no C. all D. every
51. Columbus was in search ----- USA
 A. at B. of C. about D. under
52. Look at all those black clouds! It ----- today
 A. is raining B. rains C. is going to rain D. will be rain
53. It was so noisy that we hear ourselves speak
 A. won't B. cannot C. must not D. couldn't
54. We ----- TV when it started to rain.
 A. was watching B. watched C. will be watching D. were watching
55. You are ----- hour late.
 A. a B. an C. the D. None of the above
56. Neither you nor your sister should ----- to them.
 A. talk B. talks C. talked D. talking
57. I wonder ----- text books I will need to buy for my literature course.
 A. how often B. however C. how much D. how many
58. She was a devoted wife and looked ----- her husband.
 A. at B. up C. upon D. after

59. My uncle has invested a lot of money ----- farming.
A. in B. for C. to D. into

60. Building has been built ----- the new plan.
A. accordance B. in accordance with C. for D. about

61. I ----- never seen such a picture before
A. did B. was C. have D. has

62. He lives ----- Hyderabad
A. at B. in C. from D. by

63. The king died-----
A. Hareless B. heirless C. hairless D. airless

SYNONYMS

SYN-64-68

64. Vanish
A. Elevate B. Disaster C. Doubtful D.
Disappear

65. Obsolete
A. New B. Out of date C. Toxic D.
Sample

66. Demolish
A. Destroy B. Build C. Preserve D.
Create

67. Tentative
A. Prevalent B. Portable C. Wry
D. Provisional

68. Adult
A. Infant B. Juvenile C. Mature
D. Emergent

ANTONYMS

ANT 69,70

69. Ambiguous
A. Auxiliary B. Responsible C. Salvageable
D. Clear

70. Mitigate
A. Abate B. Aggravate C. Allay
D. Alleviate

SYN-71

71. Grievance
A. Depression B. Complaint C. Abrasion D.
Gratefulness

ANT -72

72. Innocence
A. Guilty B. ignorance C. simplicity D. harmless

85. वृत्त का व्यास ? Diameter of the Circle?

- A. $2 \times$ अर्धव्यास/radius B. अर्धव्यास /radius C. $4 \times$ अर्धव्यास/radius D. $2 \pi r$

86. 6 लड़कों का औसत उम्र 12 वर्ष है. 4 लड़कों का औसत उम्र 18 वर्ष है, तो 10 लड़कों का औसत उम्र बताएं।

Average age of 6 boys is 12 years. The average age of 4 boys is 18 years. Find the Average age of all 10 boys

- a. 17वर्ष/yrs B. 30वर्ष/yrs C. 14.4/वर्ष/yrs
D. 20वर्ष/yrs

87. 4% सालाना ब्याज दर पर 2 साल के लिए Rs2500 का चक्रवृद्धि ब्याज कितना होगा है?

What is the compound interest on Rs2500 for 2 years at rate of interest 4% per annum?

- A. Rs.180 B. Rs.204 C. Rs.210 D. Rs.220

88. एक मां अपने बेटे से दोगुनी उम्र की है। अगर 20 साल पहले मां की उम्र बेटे की उम्र से 10 गुना थी तो वर्तमान में मां की उम्र कितनी है?

A mother is twice as old as her son. If 20 years ago, the age of the mother was 10 times the age

Of the son, what is the present age of the mother?

- A.38 वर्ष/years B. 40 वर्ष/years C. 43 वर्ष/years D. 45 वर्ष/years

89. यदि गोलाकार जॉगिंग ट्रैक का क्षेत्रफल 3850 वर्ग मीटर है। जॉगिंग ट्रैक की परिधि क्या है?

If area of the circular jogging track is 3850 sq. meters. What is the circumference of the jogging track?

- a. 225 मीटर /metres B. 214 मीटर /metres C. 220 मीटर /metres D.
235 मीटर /metres

90. एक ट्रेन 2 मिनट में 1200 मीटर की दूरी तय करती है। ट्रेन की गति क्या है ?

A Train Covers a distance of 1200 metres in 2 minutes. What is the speed of the moving train?

- A. 1 /m/s B. 10 m/s C. 600 m/s D. 60 m/s

91. वृत्त का व्यास 14 मीटर है तो उसका क्षेत्र कितना होगा ?

What is the area of the circle with diameter of 14 meters?

- A. 616 Sq.mt B. 61.6 Sq.mt C. 15.4 Sq.mt D.154 Sq.mt

92. श्रृंखला को पूरा करें/Complete the series 1,1, 2, 3, 5, 8, 13,----- ?

- A. 20 B. 19 C.21 D.22

93. 88 एवं 220 ल.स.प. ?/LCM of 88 and 220 is?

A.220

B. 1100

C. 880

D.440

94. Find the ODD man out: 4,9,16,20,36,49, and 64.

A. 9

B. 16

C. 64

D.20

95. एक लड़के के पास 120 गेंदें हैं जिनमें से कुछ गेंद सफेद हैं और शेष काले हैं। यदि सफेद गेंदों का प्रतिशत 45% है, तो उसके पास कितनी काली गेंदों होगी।

A boy has 120 balls of which some are white and the remaining are black . If the percentage of white balls is 45%, find the number of black balls he has.

A.56

B.66

C. 64

D.54

96. एक कक्षा में 20 लड़के और 10 लड़कियां हैं। लड़कों का औसत वजन 44 किलो है एवं लड़कियों का औसत वजन 38 है। तो पूरे कक्षा का औसत कितना होगा है?

A class consists of 20 Boys and 10 Girls. Average weight of Boys is 44 Kg. Average weight of girls

is 38. What is the overall average of the whole class?

A. 39 Kg

B. 43 Kg

C. 41 Kg

D.

42 Kg

97. एक आदमी अपने बेटे से 24 साल बड़ा है। दो साल में उनकी उम्र उनके बेटे की उम्र से दोगुनी हो जाएगी। उनके पुत्र की वर्तमान आयु ----- वर्ष है।

A man is 24 years older to his son. In two years, his age will be twice the age of his son. The

Present age of his son is ----- year ?

A. 22

B. 20

C. 18

D.14

98. तीन संख्याओं का अनुपात 4:5:6 है और उनका औसत 25 है। तो सबसे बड़ी संख्या ----- है
Three numbers are in the ratio 4:5:6 and their average is 25. The largest number is --

A. 30

B.40

C. 50

D. 60

99. 27 एवं 63 का म.स.प. / The HCF of 27 and 63 is

A. 63

B. 27

C. 18

D. 9

100. 154 सेमी² क्षेत्रफल वाले वृत्त का व्यास का कितना होगा।

Find the diameter of the circle whose area is 154 cm².

A. 7 सेमी/cm

B. 14 सेमी cm

C. 10 सेमी cm

D. 20 सेमी cm

SOUTHERN RAILWAY, CHENNAI DIVISION
Suitability Test against NTPC& Skilled Artisan (Matriculation Standard)
for the appointment under compassionate Ground

Date : 23.09.2021

Duration : 2 Hours

Max. Marks: 100

Instructions to Candidates

Please read all the instructions carefully before making any entry in the answer sheet

- 1 Check that the question paper contains 100 questions and if any unprinted / tom pages is found, get it replaced.
- 2 There will be 100 questions with FOUR multiple choice answers in capital letters only as A/B/C/D and not in lower case uniformly and answers written in capital letter will only be evaluated.
- 3 Each question carries one mark
- 4 Candidates should write their name and roll number ONLY in the space provided in the fly leaf and not in any of the page in the answer booklet.
- 5 Any names/roll numbers, if found in the answer booklet or additional answer booklet, such papers will not be evaluated and will be disqualified.
- 6 In the answers, correction of any type Eg: cutting /overwriting /Erasing /scoring and re-writing another answer / writing the answer in text form, writing the answers in Lower Case, etc., is not permitted. Such answers will not be evaluated at all.
- 7 Candidates are not allowed to keep mobile phones/Electronic gadgets or any other documents/papers within the examination hall.
- 8 There is no negative marking.

Choose the Correct Answer

Choose the correct SYNONYM for Q. Nos 1 to 10.

1. Rescue
A. Retire B. Save C. Define D. Defense
2. Attempt
A. Explore B. Inquire C. Try D. Analyse
3. Consequence
A. Conclusion B. Result C. Clearance D. Control
4. Alert
A. Watchful B. Genius C. Inattentive D. Energetic
5. Mild
A. Harsh B. Hard C. Gentle D. Cruel

- 6. Obsolete
A. New B. Out of date C. Toxic D. Sample
- 7. Demolish
A. Destroy B. Build C. Preserve D. Create
- 8. Execute
A. Desire B. Debate C. Accomplish D. Discard
- 9. Replica
A. Pride B. Clone C. Love D. Original
- 10. Advice
A. Counsel B. Practice C. Conduct D. Proposal

Choose the correct ANTONYM for Q Nos 11 to 20

- 11. Certain
A. Doubtful B. Definite C. Often D. Durable
- 12. Stationary
A. Humid B. Adjustable C. Detached D. Moving
- 13. Curable
A. Remediable B. Treatable C. Terminal D. Operable
- 14. Huge
A. Tiny B. Major C. Significant D. Dormant
- 15. Voluntary
A. Discretionary B. Optional C. Compulsory D. Elective
- 16. Reward
A. Penalty B. Incentive C. Demotion D. Prize
- 17. Roughly
A. Largely B. Coarsely C. Exactly D. Unevenly
- 18. Exhaust
A. Fresh B. Tired C. Sleepy D. Drowsy
- 19. Innocence
A. Harmlessness B. Ignorance C. Simplicity D. Guilty
- 20. Military
A. Civil B. Militant C. Civility D. Coup

Choose the correct option **grammatically** for Q. Nos 21 to 40.

- 21 _____ makes a man perfect in his art
A. Disconnection B Disobedient C. Practice D. Absent
- 22 He has access _____ all rooms of the hotel.
A. of B. by C. with D. to
- 23 He jumped _____ the river to save
A. onto B. into C. to D. in
- 24 Tom found the silver coin _____ the floor.
A. as he cleans B. as he cleaned C as he is cleaning D while cleaning
- 25 You will fail if you _____ studying now.
A. does not start B. do not start C. have not start D. has not start
- 26 Columbus was in search _____ USA.
A. about B. at C. under D. of
- 27 _____ he is very rich, he lives a very simple life.
A. After B. Although C. While D. As
- 28 We waited _____ the plane took off
A. as soon as B. when C. as D. until
- 29 One million cars _____ next year.
A. will be produced B. were produced
C. produced D. will produce
- 30 Lots of trees _____ blown down by the wind.
A. were B. has C. did D. is
- 31 Where _____ Ram live?
A. are B. is C. do D. does
- 32 We _____ a holiday last year.
A. don't have B. didn't have C. won't have D. don't has
- 33 She was a devoted wife and looked _____ her husband.
A. up B. at C. after D. upon
- 34 Good sleep is necessary _____ good health
A. for B. from C. of D. at
- 35 Don't stand _____ a tree when there is a lightning
A. by B. under C. below D. over

- 36 This blazer comes _____ three different sizes.
A. of B. with C. at D. in
- 37 Look at all those black clouds! It _____ today.
A. is raining B. rains C. is going to rain D. will be rain
- 38 He lives _____ Hyderabad
A. at B. from C. in D. by
- 39 _____ it help you in your studies?
A. was B. will C. is D. are
- 40 My father is in a meeting. Can you _____ later?
A. call after B. call at C. call in D. call back

Choose the correct option (**General Mathematics**) Q. Nos 41 to 60.

- 41 Diameter of circle "d" is equal to _____ (where "r" is radius)
A. $2r$ B. r C. $2\pi r$ D. $4r$
- 42 A shopkeeper sold an article for Rs. 2500. If the cost price of the article is 2000, find the profit percent.
A. 23% B. 25% C. 27% D. 29%
- 43 40% of 280 = ?
A. 112 B. 116 C. 115 D. 120
- 44 $0.05 \times 0.01 \times 5 =$
A. 0.025 B. 0.25 C. 0.0025 D. 0.00025
- 45 Kumar purchased a doll for Rs 1000 and sold the same to his friend for a price of Rs 850. What is Kumar's profit/loss?
A. Rs 150 Loss B. Rs 100 Loss C. Rs 100 Profit D. RS 150 Profit
- 46 Find the odd 4, 9, 16, 20, 36, 49, and 64.
A. 9 B. 16 C. 64 D. 20
- 47 A boy has 120 balls of which some are white and the remaining are black. If the percentage of white balls is 45%, find the number of black balls he has.
A. 56 B. 66 C. 64 D. 54
- 48 'A' can finish a work in 18 days and B can do the same work in 15 days. B worked for 10 days and left the job. In how many days, 'A' alone can finish the remaining work?
A. 5 B. 5.5 C. 6 D. 8
- 49 A class consists of 20 Boys and 10 Girls. Average weight of Boys is 44 Kg. Average weight of girls is 38. What is the overall average of the whole class?
A. 39 Kg B. 43 Kg C. 41 Kg D. 42 Kg

- 50 If 12 workers can build a wall in 50 hours, how many workers will be required to do the same work in 40 hours?
A. 10 B. 13 C. 14 D. 15
- 51 The perimeter of the rectangle is 20cm. If the length of the rectangle is 6cm, then its breadth will be
A. 4 cm B. 6 cm C. 10 cm D. 14 cm
- 52 What is three fifth of 100?
A. 3 B. 5 C. 60 D. 20
- 53 The ratio of 10m to 10 km
A. 1/10 B. 1/100 C. 1/1000 D. 1/10000
- 54 What should be added to $-7/3$ to get $3/7$?
A. $21/58$ B. $58/21$ C. $47/21$ D. $50/21$
- 55 A garden has 6000 plants. 6% of the plants are of Mango & 3% of the plants are of Apple. What is the total number of other plants?
A. 5460 B. 5640 C. 5464 D. 5660
- 56 What is 7% equal to?
A. 7 B. 0.7 C. 0.07 D. 0.007
- 57 The population of a town is 10000. Out of these 5400 persons read newspaper A and 4700 read newspaper B. 1500 persons read both the newspapers. Find the number of persons who do not read either of the two papers.
A. 0 B. 1000 C. 1200 D. 1400
- 58 If David's age is 27 years old in 2011, what was his age in 2003?
A. 37 B. 19 C. 17 D. 20
- 59 Sum of all interior angles of a parallelogram is
A. 90 B. 270 C. 180 D. 360
- 60 The age of father is 24 years more than his son. In two years the father's age will be twice that of his son. The present age of his son is
A. 22 B. 18 C. 21 D. 24

Choose the correct option (General Knowledge) Question Numbers 61 to 100.

- 61 Which is the smallest ocean in the world?
A. Atlantic ocean B. Pacific ocean C. Arctic ocean D. Indian ocean
- 62 Name the branch of biology which deals with study of cell?
A. Zoology B. Cosmology C. Mitochondria D. Cytology

- 63 Full form of DTP is:
 - A. Desk top promotion
 - B. Desk top pollution
 - C. Desk top publishing
 - D. Desk top population

- 64 Raindrop is spherical
 - A. Due to surface tension
 - B. Due to atmospheric friction of the air
 - C. Due to the gravity of the round earth
 - D. Due to the presence of rain water

- 65 First passenger train ran between which stations in India?
 - A. Mumbai - Delhi
 - B. Delhi - Thane
 - C. Mumbai - Pune
 - D. Mumbai - Thane

- 66 What is the permanent memory built into your computer called?
 - A. RAM
 - B. ROM
 - C. CPU
 - D. CD-ROM

- 67 The most important ore of aluminium is
 - A. galena
 - B. calamine
 - C. calcite
 - D. bauxite

- 68 Cooking vessels have wooden or Bakelite handles because
 - A. the handle must be strong
 - B. wood and Bakelite are bad conductors of heat
 - C. the handle should be attractive
 - D. None of the above

- 69 1 Kilobyte (KB) consists of
 - A. 1024 Byte
 - B. 1024 Mega Byte
 - C. 1024 Giga byte
 - D. None of the above.

- 70 Which is the highest Civilian Award in India?
 - A. Padma Bhushan
 - B. Padma Shri
 - C. Padma Vibhushan
 - D. Bharat Ratna

- 71 An electric bulb having voltage 240V and current 0.6 A has a power of
 - A. 1.44 W
 - B. 14.4 W
 - C. 144 W
 - D. 1440 W

- 72 Who is known as the Father of Indian Railways?
 - A. Lord Ripon
 - B. Lord Dalhousie
 - C. Lord Canning
 - D. Lord William Bentick

- 73 Under which tax policy, one nation one uniform tax was implemented
 - A. Sales Tax
 - B. Value added Tax
 - C. Goods and Service Tax
 - D. All the above

- 74 Which element present in stainless steel prevents it from corrosion?
 - A. Chromium
 - B. Iron
 - C. Magnesium
 - D. Sulphur

- 75 Kilowatt hour is the unit of
A. Resistivity B. Conductivity
C. Electrical Energy D. Electrical Power
- 76 Mars Orbiter Mission (MOM) of ISRO is called as
A. Chandrayaan B. Gaganyaan C. Astrosat D. Mangalyaan
- 77 Vaccination is invented by
A. Alexander Fleming B. Edward Jenner
C. Philip Drinker D. Robert Koch
- 78 In computer jargon, RAM refers to
A. Read Only Menu B. Random Access Memory
C. Random Accent Memory D. Read Access Memory
- 79 Where is the headquarters of World Health Organization (WHO) is located
A. Geneva B. Vienna C. New York D. Paris
- 80 Who is called as Iron Man of India?
A. Lal Bahadur Sastri B. Sardar Vallabhbhai Patel
C. Bal Gangadar Tilak D. Baghat Singh
- 81 Who generally presents Budget in Parliament?
A. Prime Minister B. President
C. Home Minister D. Finance Minister
- 82 The metal which is stored in kerosene is
A. Potassium B. Sodium C. Magnesium D. Phosphorous
- 83 Water cannot be used as a fire extinguisher to put out
A. burning charcoal B. burning oil
C. burning cloth D. burning wood
- 84 Deficiency of Vitamin D causes
A. Rickets B. Night Blindness
C. Beriberi D. Scurvy
- 85 In which of the following media does sound travel the fastest?
A. Gases B. Vacuum C. Liquids D. Solid
- 86 What is the instrument used to detect earthquakes?
A. Seismograph B. Radiometer
C. Barometer D. None of the above
- 87 Which of the following is known as the Upper house of the Indian Parliament?
A. Supreme Court B. Lok Sabha
C. President of India D. Rajya Sabha

- 88 The city Which is called "Manchester of South India"?
A. Madurai B. Bangalore C. Coimbatore D. Mumbai
- 89 The Narendra Modi Stadium is located in which place?
A. Gandhinagar B. Ahmedabad C. Vadodara D. Mumbai
- 90 Which atmospheric layer closest to the ground?
A. Stratosphere B. Mesosphere C. Troposphere D. Thermosphere
- 91 Which of the following is called as "Laughing Gas"?
A. Nitric Oxide B. Nitrogen Trioxide
C. Nitrous Oxide D. Nitrogen Dioxide
- 92 In which of the following processes is oxygen released into the air?
A. Excretion B. Respiration C. Transpiration D. Photosynthesis
- 93 The hearing range of human ear is
A. 20 Hz to 20,000 Hz B. less than 20 Hz
C. more than 20,000 Hz D. -20 Hz to 0 Hz
- 94 Which of the following is not a Fundamental Right?
A. Right to freedom of religion B. Right to property
C. Right to equality D. Right to Freedom
- 95 Which train in India has the longest route length ?
A. Himgiri Express B. Himsagar Express
C. Vivek Express D. Guwahati-Thiruvanthapuram Express
- 96 Graphite is crystalline form of
A. Carbon B. Magnesium C. Cobalt D. Calcium
- 97 Screw Gauge is a device used to measure
A. Temperature B. Diameter C. Voltage D. Power
- 98 Light year is a unit of
A. Time B. Distance C. Light D. Intensity of light
- 99 Which of the following illustrates Newton's third law of motion?
A. When a bus starts suddenly, the passengers receive a backward jerk
B. When we stop pedaling, the bicycle slows down
C. The launching of a rocket
D. All of the above
- 100 The Story of "My Experiments with Truth" is the autobiography of which National Leader?
A. Jawaharlal Nehru B. Lal Bahadur Shastri
C. Mahatma Gandhi D. Rabindranath Tagore

END OF QUESTION PAPER (English version)

*_*_*_*

दक्षिण रेलवे, चेन्नई मंडल

SOUTHERN RAILWAY, CHENNAI DIVISION

अनुकंपा आधार के तहत नियुक्ति के लिए एनटीपीसी और कुशल कारीगर (मैट्रिकुलेशन मानक) के खिलाफ उपयुक्तता परीक्षण
Suitability Test against NTPC & Skilled Artisan (Matriculation Standard)
for the appointment under compassionate Ground

दिनांक Date : 13.08.2021

अवधि Duration : 2 Hours

अधिकतम अंक Max. Marks: 100

कर्मचारियों के लिए अनुदेश Instructions to Candidates

Please read all the instructions carefully before making any entry in the answer sheet

- 1 जांचें कि प्रश्न पत्र में 100 प्रश्न हैं और यदि कोई अमुद्रित / टॉम पृष्ठ मिलता है, तो उसे बदल दें।
Check that the question paper contains 100 questions and if any unprinted / tom pages is found, get it replaced.
- 2 केवल ए/बी/सी/डी के रूप में बड़े अक्षरों में चार बहुविकल्पीय उत्तरों के साथ 100 प्रश्न होंगे और छोटे अक्षरों में समान रूप से नहीं और केवल बड़े अक्षरों में लिखे गए उत्तरों का मूल्यांकन किया जाएगा।
There will be 100 questions with FOUR multiple choice answers in capital letters only as A/B/C/D and not in lower case uniformly and answers written in capital letter will only be evaluated.
- 3 प्रत्येक प्रश्न एक अंक का होता है।
Each question carries one mark
- 4 उम्मीदवारों को अपना नाम और रोल नंबर केवल फ्लाई लीफ में दिए गए स्थान पर लिखना चाहिए, न कि उत्तर पुस्तिका के किसी भी पृष्ठ पर।
Candidates should write their name and roll number ONLY in the space provided in the fly leaf and not in any of the page in the answer booklet.
- 5 उत्तर पुस्तिका या अतिरिक्त उत्तर पुस्तिका में कोई नाम/रोल नंबर पाए जाने पर ऐसे प्रश्नपत्रों का मूल्यांकन नहीं किया जाएगा और उन्हें अयोग्य घोषित कर दिया जाएगा।
Any names/roll numbers, if found in the answer booklet or additional answer booklet, such papers will not be evaluated and will be disqualified.
- 6 उत्तरों में, किसी भी प्रकार का सुधार जैसे: काटने/ओवरराइटिंग/मिटा/स्कोरिंग और अन्य उत्तर को फिर से लिखना/पाठ रूप में उत्तर लिखना, लोअर केस में उत्तर लिखना आदि की अनुमति नहीं है। ऐसे उत्तरों का मूल्यांकन बिल्कुल नहीं किया जाएगा।
In the answers, correction of any type Eg: cutting /overwriting /Erasing /scoring and re-writing another answer / writing the answer in text form, writing the answers in Lower Case, etc., is not permitted. Such answers will not be evaluated at all.
- 7 उम्मीदवारों को परीक्षा हॉल के भीतर मोबाइल फोन/इलेक्ट्रॉनिक गैजेट या कोई अन्य दस्तावेज/कागजात रखने की अनुमति नहीं है।
Candidates are not allowed to keep mobile phones/Electronic gadgets or any other documents/papers within the examination hall.
- 8 कोई नकारात्मक अंकन नहीं है।
There is no negative marking.

सही उत्तर चुने Choose the Correct Answer

प्रश्न संख्या 1 से 10 के लिए सही पर्यायवाची शब्द चुनें।

Choose the correct **SYNONYM** for Q. Nos 1 to 10.

1. Synopsis
A. Index B. Mixture C. Puzzle D. Summary
2. Diligent
A. Fool B. Happy C. Hardworking D. Disappointed
3. Grievance
A. Depression B. Complaint C. Abrasion D. Gratefulness
4. Replica
A. Pride B. Original C. Love D. Copy
5. Advice
A. Counsel B. Practice C. Discourage D. Proposal
6. Candid
A. Weak B. Frank C. Confuse D. Inform
7. Annex
A. Copy B. Low C. Add D. Initial
8. Calibre
A. Straightness B. Ability C. Short-cut D. Streamline
9. Juvenile
A. Young B. Influential C. Suppress D. Drunk
10. Massive
A. Crowd B. Huge C. Little D. Gaping

प्रश्न संख्या 11 से 20 के लिए सही विलोम शब्द चुनें।

Choose the correct **ANTONYM** for Q Nos 11 to 20

11. Repulsive
A. Offensive B. Attractive C. Away D. Ugly
12. Huge
A. Significant B. Major C. Tiny D. Dormant
13. Forbid
A. Debarred B. Legal C. Allow D. Prohibit
14. Plenty
A. Too much B. Scarcity C. Roughness D. Dryness
15. Stringent
A. Magnanimous B. Lenient C. Vehement D. General
16. Military
A. Civil B. Militant C. Civility D. Coup

- 17. Orient
A. Disorder B. Fact C. Conform D. Casual
- 18. Ambiguous
A. Auxiliary B. Responsible C. Salvageable D. Clear
- 19. Fluctuate
A. Conceive B. Stabilize C. Energize D. Emancipate
- 20. Adhere
A. Disjoin B. Stand By C. Obey D. Follow

प्रश्न संख्या 21 से 40 के लिए व्याकरणिक रूप से सही विकल्प चुनें।
Choose the correct option **grammatically** for Q. Nos 21 to 40.

- 21. Her thinking leans _____ democracy.
A. with B. towards C. for D. none of these
- 22. He got too tired _____ over work.
A. because of B. because off C. on D. for
- 23. _____ his principles, he has to be very careful.
A. With regard of B. With regard on C. With regard to D. None of these
- 24. Building has been built _____ the new plan.
A. accordance to B. in accordance with C. for D. about
- 25. He crossed the broken bridge _____ warning.
A. in spite of B. in spite off C. on D. about
- 26. The train _____ as fast as the bus.
A. flying B. running C. moves D. going
- 27. He was seen _____ to the school.
A. went B. going C. gone D. go
- 28. She _____ in the sun for 1 hour
A. sitting B. has been sitting C. has been sit D. has sit
- 29. _____ it help you in your studies?
A. will B. was C. is D. are
- 30. I _____ never seen such a picture before
A. did B. was C. have D. has
- 31. He lives _____ Hyderabad
A. at B. in C. from D. by
- 32. It has been raining _____ morning
A. from B. for C. till D. since
- 33. She ordered two cups _____ coffee.
A. of B. in C. with D. for
- 34. Ravana was killed _____ Rama.
A. with B. by C. from D. for

35. I need to _____ how to fit the piano and the bookshelf in this room.
A. figure at B. figure in C. figure out D. none
36. Our plan _____ fine.
A. worked B. worked out C. worked in D. worked at
37. My father is in a meeting. Can you _____ later?
A. call after B. call back C. call at D. call in
38. All the passengers have been _____ now.
A. Checked in B. checked at C. Checked after D. checked for
39. His uncle _____ last night after a long illness.
A. passed up B. passed out C. passed away D. passed above
40. We have to _____ what the court says.
A. Abide by B. abide on C. Abide at D. abide for

सही विकल्प (सामान्य गणित) प्रश्न संख्या 41 से 60 का चयन करें।

Choose the correct option (**General Mathematics**) Q. Nos 41 to 60.

41. दो संख्याएं 156 और 120 हैं, उनका एलसीएम 1560 है। एचसीएफ है।
Two numbers are 156 and 120 Their LCM is 1560. HCF is
A. 26 B. 12 C. 28 D. 29
42. एक बगीचे में 6000 पौधे हैं। 6% पौधे आम के हैं और 3% पौधे सेब के हैं अन्य पौधों की कुल संख्या क्या है?
A garden has 6000 plants. 6% of the plants are of Mango & 3% of the plants are of Apple What is the total number of other plants?
A. 5460 B. 5640 C. 5464 D. 5660
43. शीशे से देखी गई घड़ी सवा तीन बजे दिखाती है। घड़ी द्वारा दिखाया गया सही समय क्या है?
A clock seen through a mirror, shows quarter past three. What is the correct time shown by the clock?
A. 3.15 B. 8.45 C. 9.15 D. 9.45
44. पिता की आयु अपने पुत्र से 24 वर्ष अधिक है। दो वर्ष में पिता की आयु उसके पुत्र की आयु की दोगुनी हो जाएगी। उसके पुत्र की वर्तमान आयु है | The age of father is 24 years more than his son. In two years the father's age will be twice that of his son. The present age of his son is
A. 18 B. 21 C. 22 D. 24
45. 100 में से तीन पाँचवाँ क्या है? What is three fifth of 100?
A. 3 B. 5 C. 20 D. 60
46. यदि 2011 में डेविड की आयु 27 वर्ष है, तो 2003 में उसकी आयु क्या थी?
If David's age is 27 years old in 2011, what was his age in 2003?
A. 17 B. 37 C. 20 D. 19
47. 7% किसके बराबर होता है? What is 7% equal to?
A. 0.007 B. 0.07 C. 0.7 D. 7

48. 30 दिनों में कितने महीने होते हैं? How many months have 30 day?
A. 4 months B. 5 months C. 6 months D. 7 months
49. 37 किस प्रकार की संख्या है? What kind of number is 37?
A. Odd B. Prime C. Both A and B D. None of these
50. दिए गए आँकड़ों का माधिका ज्ञात कीजिए: 13, 16, 12, 14, 19, 12, 14, 13, 14 |
Find the median of the given data: 13, 16, 12, 14, 19, 12, 14, 13, 14.
A. 16 B. 14 C. 12 D. 15
51. 12,500 रुपये की राशि साधारण ब्याज की दर से चार साल में 15,500 रुपये हो जाती है। ब्याज दर क्या है?
A sum of Rs 12,500 amounts to Rs 15,500 in four years at the rate of simple interest.
What is the rate of interest?
A. 9 B. 4 C. 5 D. 6
52. एक क़स्बे की जनसंख्या 10000 है। इनमें से 5400 व्यक्ति समाचार पत्र A पढ़ते हैं और 4700 समाचार पत्र B पढ़ते हैं। 1500 व्यक्ति दोनों समाचार पत्र पढ़ते हैं, उन व्यक्तियों की संख्या ज्ञात कीजिए जो दोनों में से कोई भी समाचार पत्र नहीं पढ़ते हैं। The population of a town is 10000. Out of these 5400 persons read newspaper A and 4700 read newspaper B. 1500 persons read both the newspapers Find the number of persons who do not read either of the two papers.
A. 0 B. 1000 C. 1200 D. 1400
53. एक नदी पश्चिम से पूर्व की ओर बहती है और रास्ते में बाईं ओर मुड़ती है और एक पहाड़ी के चारों ओर अर्ध-वृत्त में जाती है, और फिर दाएं कोण पर बाएं मुड़ती है। नदी आखिर किस दिशा में बह रही है? A river flows west to east and on the way turns left and go in a semi-circle round a hillock, and then turns left at right-angles. In what direction is the river finally flowing?
A. North B. South C. East D. West
54. समांतर चतुर्भुज के सभी आंतरिक कोणों का योग होता है | Sum of all interior angles of a parallelogram is
A. 90 B. 180 C. 270 D. 360
55. आयत का परिमाप 20 सेमी. यदि आयत की लंबाई 6 सेमी है, तो इसकी चौड़ाई होगी | The perimeter of the rectangle is 20cm. If the length of the rectangle is 6cm, then its breadth will be
A. 4 cm B. 8 cm C. 10 cm D. 14 cm
56. 10 मीटर से 10 किमी का अनुपात है | The ratio of 10m to 10 km is
A. 1:10 B. 1:100 C. 1:1000 D. 1:10000
57. यदि 12 श्रमिक एक दीवार को 50 घंटे में बना सकते हैं, तो उसी कार्य को 40 घंटे में करने के लिए कितने श्रमिकों की आवश्यकता होगी? If 12 workers can build a wall in 50 hours, how many workers will be required to do the same work in 40 hours?
A. 10 B. 13 C. 14 D. 15
58. प्रथम 50 प्राकृत संख्याओं का औसत है The average of first 50 natural numbers is
A. 25.30 B. 25.50 C. 25.00 D. 12.25
59. यदि एक बॉक्स का अंकित मूल्य 10 है और 10% की छूट की अनुमति है तो बिक्री मूल्य क्या होना चाहिए? If Marked Price of a box is 10 and a discount of 10% is allowed then what should be the sale price?
A. 9 B. 10 C. 11 D. 19

60. विषम का पता लगाएं: 53, 59, 62, 67, 71, 73, 79।
Find the odd one out: 53, 59, 62, 67, 71, 73, 79.
A. 53 B. 62 C. 71 D. 59

सही विकल्प (सामान्य ज्ञान) प्रश्न संख्या 61 से 100 का चयन करें।

Choose the correct option (**General Knowledge**) Question Numbers 61 to 100.

61. ग्रेफाइट किसका क्रिस्टलीय रूप है? Graphite is crystalline form of
A. कैल्शियम Calcium B. मैग्नीशियम Magnesium
C. कोबाल्ट Cobalt D. कार्बन Carbon
62. निम्नलिखित में से कौन न्यूटन के गति के तीसरे नियम को दर्शाता है?
Which of the following illustrates Newton's third law of motion?
A. जब हम पेडलिंग करना बंद कर देते हैं, तो साइकिल धीमी हो जाती है।
When we stop pedaling, the bicycle slows down.
B. एक रॉकेट का प्रक्षेपण। The launching of a rocket.
C. जब एक बस अचानक शुरू हो जाती है। यात्रियों को एक पिछड़ा झटका मिलता है।
When a bus starts suddenly, the passengers receive a backward jerk
D. ऊपर के सभी | All of the above.
63. निम्नलिखित में से किसे "हँसने वाली गैस" कहा जाता है?
Which of the following is called as "Laughing Gas"?
A. नाइट्रस ऑक्साइड Nitrous Oxide
B. नाइट्रिक ऑक्साइड Nitric Oxide
C. नाइट्रोजन डाइऑक्साइड Nitrogen Dioxide
D. नाइट्रोजन ट्रायऑक्साइड Nitrogen Trioxide
64. निम्नलिखित में से किस प्रक्रिया में ऑक्सीजन को हवा में छोड़ा जाता है?
In which of the following processes is oxygen released into the air?
A. प्रकाश संश्लेषण Photosynthesis B. श्वसन Respiration
C. स्वेद Transpiration D. मलत्याग Excretion
65. 'स्वेज नहर' निम्नलिखित में से किसे जोड़ती है? The Suez Canal connects which of the following?
A. लाल और कैस्पियन सागर Red and Caspian Sea
B. बाल्टिक और कैस्पियन सागर Baltic and Caspian sea
C. भूमध्यसागरीय और लाल सागर Mediterranean and Red sea
D. लाल और काला सागर Red and Black Sea
66. निम्नलिखित में से किस माध्यम में ध्वनि सबसे तेज गति से चलती है?
In which of the following media does sound travel the fastest?
A. गैसों Gases B. शून्य स्थान Vacuum
C. तरल पदार्थ Liquids D. ठोस Solid
67. सत्य के साथ मेरे प्रयोगों की कहानी किस राष्ट्रीय नेता की आत्मकथा है? The Story of My Experiments with Truth is the autobiography of which National Leader?
A. महात्मा गांधी Mahatma Gandhi
B. लाल बहादुर शास्त्री Lal Bahadur Shastri
C. जवाहर लाल नेहरू Jawaharlal Nehru
D. रविंद्रनाथ टैगोर Rabindranath Tagore

68. राज्य का संवैधानिक प्रमुख कौन होता है? Who is the constitutional head of the state?
 A. गवर्नर Governor
 B. मुख्यमंत्री Chief Minister
 C. उच्च न्यायालय के मुख्य न्यायाधीश Chief Justice of High Court
 D. भारत के राष्ट्रपति President of India
69. निम्नलिखित में से किसे भारतीय संसद के उच्च सदन के रूप में जाना जाता है? Which of the following is known as the Upper house of the Indian Parliament?
 A. उच्चतम न्यायालय Supreme Court
 B. भारत के राष्ट्रपति President of India
 C. लोकसभा Lok Sabha
 D. राज्य सभा Rajya Sabha
70. मैग्नेटाइट निम्नलिखित में से किसके लिए अयस्क है? Magnetite is an Ore for which of the following?
 A. यूरेनियम Uranium
 B. मैग्नेसाइट Magnesite
 C. लोहा Iron
 D. तांबा Copper
71. विश्व स्वास्थ्य संगठन (WHO) का मुख्यालय कहाँ स्थित है | Where is the headquarters of World Health Organization (WHO) is located
 A. वियना Vienna
 B. जिनेवा Geneva
 C. न्यूयॉर्क New York
 D. पेरिस Paris
72. सबसे प्रचुर मात्रा में ऊर्जा का स्रोत है | The most abundant energy is source of
 A. सौर Solar
 B. पानी Water
 C. कोयला Coal
 D. बायोमास Biomass
73. किस कर नीति के तहत एक राष्ट्र एक समान कर लागू किया गया था | Under which tax policy, one nation one uniform tax was implemented
 A. मूल्य वर्धित कर Value added Tax
 B. गुड्स एंड सर्विस टैक्स Goods and Service Tax
 C. बिक्री कर Sales Tax
 D. सब से ऊपर All the above
74. पाक जलडमरूमध्य और मन्नार की खाड़ी भारत को से अलग करती है | The Palk Strait and Gulf of Mannar separates India from
 A. गोवा Goa
 B. पश्चिम बंगाल West Bengal
 C. श्री लंका Sri Lanka
 D. मालदीव Maldives
75. किलोवाट घंटा की इकाई है Kilowatt hour is the unit of
 A. प्रतिरोधकता Resistivity
 B. प्रवाहकत्व Conductivity
 C. विद्युतीय ऊर्जा Electrical Energy
 D. विद्युत शक्ति Electrical Power
76. स्क्रू गेज एक उपकरण है जिसका उपयोग मापने के लिए किया जाता है | Screw Gauge is a device used to measure
 A. तापमान Temperature
 B. व्यास Diameter
 C. वोल्टेज Voltage
 D. शक्ति Power
77. दक्षिण भारत का मैनचेस्टर कहा जाने वाला शहर है | The city which is called as the Manchester of South India is
 A. चेन्नई Chennai
 B. सलेम Salem
 C. मदुरै Madurai
 D. कोयंबटूर Coimbatore

78. एक बाइट कितने बिट का होता है? How many bits is a byte?
A. 4 B. 8 C. 16 D. 32
79. कंप्यूटर शब्दजाल में, RAM को संदर्भित करता है | In computer jargon, RAM refers to
A. केवल पढ़ने के लिए मेनू Read Only Menu
B. यादृच्छिक अभिगम स्मृति Random Access Memory
C. रैंडम एक्सेस मेमोरी Random Access Memory
D. एक्सेस मेमोरी पढ़ें Read Access Memory
80. 2024 ग्रीष्मकालीन ओलंपिक . में आयोजित किया जाएगा
2024 Summer Olympics will be held in
A. पेरिस Paris B. बीजिंग Beijing
C. टोक्यो Tokyo D. कतर Qatar
81. कोशिका की नियंत्रण इकाई है The control unit of cell is
A. नाभिक Nucleus B. सेल वाल Cell wall
C. कोशिका द्रव्य Cytoplasm D. ऊपर के सभी All of the above
82. सौरमंडल का सबसे चमकीला ग्रह कौन सा है?
Which is the brightest planet in the solar system?
A. बुध Mercury B. शुक्र Venus
C. धरती ग्रह Earth D. शनि ग्रह Saturn
83. आग बुझाने के लिए पानी का उपयोग आग बुझाने के लिए नहीं किया जा सकता है |
Water cannot be used as a fire extinguisher to put out
A. जलता हुआ कोयला burning charcoal B. जलता हुआ कपड़ा burning cloth
C. जलता हुआ तेल burning oil D. लकड़ी जलाना burning wood
84. नरेंद्र मोदी स्टेडियम किस स्थान पर स्थित है?
The Narendra Modi Stadium is located in which place?
A. गांधीनगर Gandhi nagar B. अहमदाबाद Ahmedabad
C. वडोदरा Vadodara D. मुंबई Mumbai
85. राज्यसभा का सदस्य बनने के लिए आवश्यक न्यूनतम आयु है |
The minimum age required to become a member of Rajya Sabha is
A. 18 वर्षो 18 years B. 21 वर्षो 21 years
C. 25 वर्षो 25 years D. 30 वर्षो 30 years
86. भूकंप का पता लगाने के लिए किस उपकरण का उपयोग किया जाता है?
What is the instrument used to detect earthquakes?
A. भूकंप-सूचक यंत्र Seismograph B. रेडियोमीटर Radiometer
C. बैरोमीटर Barometer D. इनमे से कोई भी नहीं None of the above
87. भारतीय रेलवे के पिता के रूप में किसे जाना जाता है?
Who is known as the Father of Indian Railways?
A. लॉर्ड रिपोन Lord Ripon
B. लॉर्ड डलहौजी Lord Dalhousie
C. लॉर्ड कैनिंग Lord Canning
D. लॉर्ड विलियम बेंटिक Lord William Bentick

88. ग्रांड सेंट्रल टर्मिनल, पार्क एवेन्यू, न्यूयॉर्क दुनिया का।
Grand Central Terminal, Park Avenue, New York is the world's
A. सबसे बड़ा रेलवे स्टेशन largest railway station
B. उच्चतम रेलवे स्टेशन highest railway station
C. सबसे लंबा रेलवे स्टेशन longest railway station
D. इनमें से कोई भी नहीं None of the above
89. उत्तराखंड की राजधानी है... The capital of Uttarakhand is...
A. मसूरी Masoorie B. देहरादून Dehra Dun
C. नैनीताल Nainital D. पटना Patna
90. कौन सी वायुमंडलीय परत जमीन के सबसे करीब है?
Which atmospheric layer closest to the ground?
A. स्ट्रेटोस्फियर Stratosphere B. मीसोस्फीयर Mesosphere
C. क्षोभ मंडल Troposphere D. बाह्य वायुमंडल Thermosphere
91. ब्लॉटिंग पेपर द्वारा स्याही के अवशोषण में शामिल हैं:
The absorption of ink by blotting paper involves:
A. स्याही की चिपचिपाहट Viscosity of ink
B. केशिका क्रिया घटना Capillary action phenomenon
C. सोखता के माध्यम से स्याही का प्रसार Diffusion of ink through the blotting
D. साइफन क्रिया Siphon action
92. संयुक्त राष्ट्र संगठन का मुख्यालय है।
The United Nations Organization has its Headquarters at
A. बाली Bali B. हेग Hague
C. न्यूयॉर्क, यूएसए New York, USA D. वाशिंगटन डी सी Washington DC
93. मानव कान की श्रवण सीमा है। The hearing range of human ear is
A. 20 हर्ट्ज से 20,000 हर्ट्ज 20 Hz to 20,000 Hz
B. 20 हर्ट्ज से कम less than 20 Hz
C. 20,000 हर्ट्ज से अधिक more than 20,000 Hz
D. -20 हर्ट्ज से 0 हर्ट्ज -20 Hz to 0 Hz
94. वर्ष 1750 में औद्योगिक क्रांति किस देश में शुरू हुई थी?
In which country did the Industrial Revolution begin in the year 1750?
A. फ्रांस France B. इटली Italy
C. जर्मनी Germany D. इंग्लैंड England
95. भारत में किस ट्रेन की रूट लंबाई सबसे लंबी है?
Which train in India has the longest route length ?
A. हिमगिरी एक्सप्रेस Himgiri Express
B. हिमसागर एक्सप्रेस Himsagar Express
C. विवेक एक्सप्रेस Vivek Express
D. गुवाहाटी-तिरुवंतपुरम एक्सप्रेस Guwahati-Thiruvanthapuram Express
96. अदिश राशि चुनें Pick out the scalar quantity
A. बल Force B. दबाव Pressure
C. वेग Velocity D. त्वरण Acceleration

97. Pa (पास्कल) की इकाई है Pa (Pascal) is the unit for
A. दबाव Pressure B. जोर Thrust
C. आवृत्ति Frequency D. प्रवाहकत्व Conductivity
98. प्रकाश वर्ष की इकाई है Light year is a unit of
A. समय Time B. दूरी Distance
C. रोशनी Light D. प्रकाश की तीव्रता Intensity of light
99. सुनामी किसके कारण नहीं होती है Tsunamis are not caused by
A. भूकंप Earthquakes
B. ज्वालामुखी विस्फोट Volcanic eruptions
C. समुद्र के नीचे भूस्खलन Undersea landslides
D. तूफान Hurricanes
100. सूर्य ग्रहण तब लगेगा जब Solar eclipse will take place when
A. सूर्य चंद्रमा और पृथ्वी के बीच है the sun is between the moon and the earth
B. पृथ्वी चंद्रमा और सूर्य के बीच है the earth is between the moon and the sun
C. चंद्रमा सूर्य और पृथ्वी के बीच है the moon is between the sun and the earth
D. चंद्रमा सूर्य और पृथ्वी को मिलाने वाली रेखा पर नहीं होता है
the moon does not lie on the line joining the sun and the earth

प्रश्न पत्र का अंत
END OF QUESTION PAPER

*_*_*_*

Suitability test against NTPC and Skilled Artisans (Matriculation Standard) for appointment under Compassionate Ground

Date of Examination: 15.04.2021

Marks: 100

Duration: 2 Hours

Instructions

Please read all the instructions carefully before making any entry in the answer sheet

1. Check that the question paper contains 100 questions and if any unprinted / torn pages are found, get it replaced.
2. There will be 100 questions with FOUR multiple choice answers (A/B/C/D).
3. Each question carries ONE mark.
4. Candidates should write their Name and Roll Number **ONLY** in the space provided in the fly leaf and not in any of the page in the answer booklet.
5. Any Names / Roll Numbers if found in the answer booklet or additional answer booklet, such papers will not be evaluated and will be disqualified.
6. In the answers, no correction of any type is permitted. Eg: Cutting / Overwriting / Erasing / Scoring and re-writing another answer / writing the answer in the text form, etc., will not be evaluated at all.
7. Candidates are not allowed to keep their mobile phones / electronic gadgets or any other documents / papers within the examination hall.
8. There will be no Negative marking.

Choose the best option (English)

Synonyms: (Q.Nos: 1 to 10)

1. Tentative

- A. Prevalent
- B. Portable
- C. Wry
- D. Provisional

2. Fostering

- A. Abolishing
- B. Neglecting
- C. Ignoring
- D. Nurturing

3. Cease

- A. Begin
- B. Stop
- C. Create
- D. Dull

4. Aggravate

- A. Decline
- B. Acquire
- C. Excited
- D. Provoke

5. Adult

- A. Infant
- B. Juvenile
- C. Mature
- D. Emergent

6. Alien

- A. Proper
- B. Stranger
- C. Native
- D. Freak

7. Diligent

- A. Fool
- B. Happy
- C. Hardworking
- D. Disappointed

8. Valour

- A. Cowardice
- B. Wise
- C. Courage
- D. Beautiful

9. Synopsis

- A. Index
- B. Mixture
- C. Puzzle
- D. Summary

10. Renowned

- A. Introvert
- B. Extrovert
- C. Unknown
- D. Famous

Antonyms: (Q.Nos: 11 to 20)

11. Cruel

- A. Good
- B. Harsh
- C. Kind
- D. Hard

12. Rejuvenation

- A. Perfect
- B. Killing
- C. Magical
- D. Innovation

13. Ambiguous

- A. Auxiliary
- B. Responsible
- C. Salvageable
- D. Clear

14. Mitigate

- A. Abate
- B. Aggravate
- C. Allay
- D. Alleviate

15. Roughly

- A. Exactly
- B. Unevenly
- C. Coarsely
- D. Largely

16. Fluctuate

- A. Conceive
- B. Stabilize
- C. Energize
- D. Emancipate

17. Worthy

- A. Earnest
- B. Valuable
- C. Undeserving
- D. Ugly

18. Reward

- A. Demotion
- B. Prize
- C. Penalty
- D. Incentive

19. Moist

- A. Parched
- B. Dry
- C. Hard
- D. Crisp

20. Persistent

- A. Wavering
- B. Obstinate
- C. Enduring
- D. Steady

Grammar: (Q.Nos: 21 to 40)

21. We _____ a holiday last year.

- A. don't have
- B. didn't have
- C. won't have
- D. don't has

22. I think she spent the entire afternoon _____ the phone.

- A. in
- B. on
- C. at
- D. by

23. You are prepared _____ the test.

- A. to
- B. with
- C. for
- D. at

24. We _____ TV when it started to rain.

- A. was watching
- B. watched
- C. will be watching
- D. were watching

25. You _____ pay attention in the class.

- A. should
- B. would
- C. can
- D. might

26. Measles _____ a common disease among children.

- A. were
- B. are
- C. is
- D. has

27. Can I borrow _____ sugar?

- A. much
- B. some
- C. a little
- D. a few

28. He has _____ evidence to prove his innocence.

- A. many
- B. all
- C. either
- D. enough

29. He likes _____ beauty of Kashmir.

- A. a
- B. an
- C. the
- D. None of the above

30. You are _____ hour late.

- A. a
- B. an
- C. the
- D. None of the above

31. By the next month, we shall _____ the project.

- A. has completed
- B. completing
- C. completed
- D. have completed

32. Neither you nor your sister should _____ to them.

- A. talk
- B. talks
- C. talked
- D. talking

33. These are the kids _____ parents were arrested.

- A. whom
- B. who
- C. whose
- D. which

34. It is hoped that a _____ will be reached in the meeting.

- A. statement
- B. comparison
- C. compromise
- D. compression

35. I wonder _____ textbooks I will need to buy for my literature course.

- A. how often
- B. however
- C. how much
- D. how many

36. Alicia, I've never met _____ as stubborn as you are.

- A. anybody
- B. everyone
- C. no one
- D. nobody

37. Building has been built _____ the new plan.

- A. accordance to
- B. in accordance with
- C. for
- D. about

38. He does not have _____ friends.

- A. every
- B. more
- C. many
- D. all

39. Choose the correctly spelled word.

- A. Monotonuous
- B. Monotonous
- C. Monotonaus
- D. Monatonuous

40. He was leaning _____ the post.

- A. with
- B. against
- C. to
- D. about

Choose the correct option (General Mathematics) Q.Nos: 41 to 60

41. The HCF of 27 and 63 is _____.

- A. 63
- B. 27
- C. 18
- D. 9

42. What should be added to $-7/3$ to get $3/7$?

- A. $21/58$
- B. $58/21$
- C. $47/21$
- D. $50/21$

43. $2^2 \times 2^3 \times 2^4$ is equal to _____.

- A. 2^{24}
- B. 2^{-5}
- C. 2^9
- D. 2^{-9}

44. The perimeter of the rectangle is 20cm. If the length of the rectangle is 6cm, then its breadth will be _____.

- A. 4 cm
- B. 6 cm
- C. 10 cm
- D. 14 cm

45. Sum of all interior angles of a parallelogram is _____.

- A. 180°
- B. 360°
- C. 540°
- D. 240°

46. Find the diameter of the circle whose area is 154 cm^2 .

- A. 7 cm
- B. 14 cm
- C. 10 cm
- D. 20 cm

47. The age of the father is three times the age of the son. If the age of the son is 15 years, then the age of the father is _____.

- A. 50 years
- B. 55 years
- C. 40 years
- D. 45 years

48. The sum of the probabilities of all events of a trial is _____.

- A. 1
- B. greater than 1
- C. less than 1
- D. between 0 and 1

49. The ratio of 10m to 10 km is _____.

- A. $1/10$
- B. $1/100$
- C. $1/1000$
- D. 1000

50. The median of the data: 155, 160, 145, 149, 150, 147, 152, 144, 148 is _____.

- A. 149
- B. 150
- C. 147
- D. 144

51. If the three digit number $24x$ is divisible by 9, the value of x is _____.

- A. 3
- B. 7
- C. 1
- D. None of the above

52. If 12 workers can build a wall in 50 hours, how many workers will be required to do the same work in 40 hours?

- A. 10
- B. 13
- C. 14
- D. 15

53. If you travel 60,000 meters in 240 minutes, your average speed is _____.

- A. 15 km/hr
- B. 200 km/hr
- C. 20 km/hr
- D. 150 km/hr

54. If Marked Price of a box is ₹ 10 and a discount of 10% is allowed then what should be the sale price?

- A. ₹ 10
- B. ₹ 9
- C. ₹ 11
- D. None of the above

55. In how much time does ₹ 500 invested at the rate of 8% p.a. simple interest amounts to ₹ 580?

- A. 2 years
- B. 4 years
- C. 8 years
- D. 10 years

56. The average of first 50 natural numbers is _____.

- A. 25.30
- B. 25.50
- C. 25.00
- D. 12.25

57. If $0.75 : x :: 5 : 8$, then x is equal to _____.

- A. 1.12
- B. 1.2
- C. 1.25
- D. 1.30

58. Find next term of the sequence: 0.02, 0.006, 0.0018, _____.

- A. 0.0036
- B. 0.0054
- C. 0.00054
- D. 0.00036

59. Find the odd one out: 53, 59, 62, 67, 71, 73, 79

- A. 62
- B. 53
- C. 71
- D. None of the above

60. The ratio of the present age of father to that of son is 7:2. After 10 years their ages will be in the ratio of 9:4. The present age of the father is _____.

- A. 35 years
- B. 40 years
- C. 30 years
- D. 25 years

Choose the correct option (General Knowledge) Q.Nos: 61 to 100

61. The Narendra Modi Stadium is located in which place?

- A. Gandhinagar
- B. Ahmedabad
- C. Vadodara
- D. Mumbai

62. 2024 Summer Olympics will be held in _____.

- A. Paris
- B. Beijing
- C. Tokyo
- D. Qatar

63. Geeta Phogat is related to which of the following sport?

- A. Tennis
- B. Badminton
- C. Cricket
- D. Wrestling

64. Which of the following is not written by Dr. A.P.J Abdul Kalam?

- A. Wings of Fire
- B. India 2020
- C. India of My Dreams
- D. Turning Points

65. The present Lok Sabha is _____.

- A. 10th Lok Sabha
- B. 15th Lok Sabha
- C. 17th Lok Sabha
- D. 21st Lok Sabha

66. The minimum age required to become a member of Rajya Sabha is _____.

- A. 18 years
- B. 21 years
- C. 25 years
- D. 30 years

67. Who is empowered to declare National Emergency?

- A. Prime Minister of India
- B. President of India
- C. Governors of State
- D. Parliament

68. Which crop is known as 'White Gold' in India?

- A. Rice
- B. Wheat
- C. Cotton
- D. Rubber

69. Which is the capital of the Indian State, Nagaland?

- A. Imphal
- B. Aizawl
- C. Kohima
- D. Agartala

70. Which of the following countries does not share a land border with India?

- A. Iran
- B. Bhutan
- C. China
- D. Myanmar

71. On which of these rivers was the Hirakud Dam built?

- A. Mahanadi
- B. Godavari
- C. Kaveri
- D. Ganga

72. Which is the highest Civilian Award in India?

- A. Padma Bhushan
- B. Padma Vibhushan
- C. Bharat Ratna
- D. Padma Shri

73. What is the rank of India in the world in terms of length of railroad network?

- A. Fourth
- B. First
- C. Sixth
- D. None of the above

74. Who is known as the Father of Indian Railways?

- A. Lord Ripon
- B. Lord Dalhousie
- C. Lord Canning
- D. Lord William Bentick

75. What is the National Heritage Animal of India?

- A. Elephant
- B. Cow
- C. Deer
- D. Tiger

76. Which atmospheric layer closest to the ground?

- A. Stratosphere
- B. Mesosphere
- C. Troposphere
- D. Thermosphere

77. What is the instrument used to detect earthquakes?

- A. Seismograph
- B. Radiometer
- C. Barometer
- D. None of the above

78. Which of the following gases does not play a part in the greenhouse effect?

- A. Carbon Dioxide
- B. Methane
- C. Water Vapour
- D. Nitrogen

79. Who among the following referred Mahatma Gandhi as Father of Nation?

- A. Subhash Chandra Bose
- B. Sardar Vallabh Bhai Patel
- C. Jawahar Lal Nehru
- D. Rabindranath Tagore

80. Which among the following is considered to be the oldest Veda?

- A. Sam Veda
- B. Yajur Veda
- C. Rig Veda
- D. Atharva Veda

81. Tipu sultan was the ruler of _____.

- A. Hyderabad
- B. Madurai
- C. Vijayanagar
- D. Mysore

82. Who is the Father of White Revolution?

- A. M.S. Swaminathan
- B. Verghese Kurein
- C. Jagadish Chandra Bose
- D. Raja Ramanna

83. Cultivation of grapes is called _____.

- A. Sericulture
- B. Floriculture
- C. Citriculture
- D. Viticulture

84. Who generally presents Budget in Parliament?

- A. Prime Minister
- B. Finance Minister
- C. Home Minister
- D. President

85. Who is the inventor of the Computer?

- A. Charles Babbage
- B. Roger Bacon
- C. Joseph Aspdin
- D. Tim Trelling

86. The hearing range of human ear is _____.

- A. 20 Hz to 20,000 Hz
- B. less than 20 Hz
- C. more than 20,000 Hz
- D. 20 Hz to 25,000 Hz

87. The voice box is called _____.

- A. Stomach
- B. Heart
- C. Larynx
- D. Mouth

88. Which is the brightest planet in the solar system?

- A. Mercury
- B. Venus
- C. Earth
- D. Saturn

89. The amount of time light takes to reach the earth's surface from the sun is approximately _____.

- A. 2 minutes
- B. 4 minutes
- C. 8 minutes
- D. 16 minutes

90. The force between two charged bodies is called _____.

- A. Muscular force
- B. Gravitational force
- C. Magnetic force
- D. Electrostatic force

91. The metal which is stored in kerosene is _____.

- A. Phosphorous
- B. Magnesium
- C. Potassium
- D. Sodium

92. Water cannot be used as a fire extinguisher to put out _____.

- A. burning charcoal
- B. burning cloth
- C. burning oil
- D. burning wood

93. Pick the odd one from the following elements.

- A. Gold
- B. Potassium
- C. Carbon
- D. Platinum

94. The species which are at the verge of the extinction are called _____.

- A. Endemic
- B. Extinct
- C. Endangered
- D. None of these

95. The control unit of cell is _____.

- A. Nucleus
- B. Cell wall
- C. Cytoplasm
- D. All of these

96. Which of the following diseases is caused by virus?

- A. Common Cold
- B. Syphilis
- C. Tuberculosis
- D. Cholera

97. Deficiency of Vitamin D causes _____.

- A. Rickets
- B. Night Blindness
- C. Goitre
- D. None of the above

98. Which of the following is not an example of Operating System?

- A. Windows
- B. Unix
- C. Microsoft Office XP
- D. Red Hat Linux

99. In computer jargon, RAM refers to _____.

- A. Read Only Menu
- B. Random Access Memory
- C. Random Accent Memory
- D. Read Access Memory

100. How many bits is a byte?

- A. 4
- B. 8
- C. 16
- D. 32

END OF QUESTION PAPER

140

Suitability test against NTPC & Skilled Artisans (Matriculation Standard) for appointment under Compassionate Ground.

10.03.2021 (TWO HOURS)

Marks 100

Instructions

Please read all the instructions carefully before making any entry in the answer sheet.

1. Check that the question paper contains 100 questions and if any unprinted / torn pages are found, get it replaced.
2. There will be 100 questions with FOUR multiple choice answers (A/B/C/D).
3. Each question carries 1 mark. There will be NO Negative Marking.
4. Candidate should write their name and roll number **ONLY** in the space provided in the fly leaf and not in any of the page in the answer booklet
5. Any names/roll numbers if found in the answer booklet or additional answer booklets, such papers will not be evaluated and will be disqualified.
6. In the answers, no correction of any type is permitted. Eg: Cutting/ overwriting/ Erasing/ Scoring and re-writing another answer/ writing the answer in the text form etc will not be evaluated at all.
7. Candidates are not allowed to keep their mobile phones/electronic gadgets or any other documents/papers within the examination hall.

**Choose the correct SYNONYM for
Q.No's 1 to 10**

1. Meagre

- A. Small
- B. Huge
- C. Top
- D. Far

2. Vanish

- A. Elevate
- B. Disaster
- C. Doubtful
- D. Disappear

3. Chaos

- A. Order
- B. Legal
- C. Control
- D. Confuse

4. Mild

- A. Harsh
- B. Hard
- C. Gentle
- D. Cruel

5. Obsolete

- A. New
- B. Out of date
- C. Toxic
- D. Sample

6. Scared

- A. Panicked
- B. Secured
- C. Expose
- D. Reveal

7. Genuine

- A. False
- B. Fake
- C. Phony
- D. Real

8. Opaque

- A. Transparent
- B. Penetrate
- C. Obscure
- D. Allow

9. Trivial

- A. Significant
- B. Insignificant
- C. Important
- D. Cautious

10. Demolish

- A. Destroy
- B. Build
- C. Preserve
- D. Create

**Choose the correct ANTONYM for
Q.No's 11 to 20**

11. Blunt

- A. Round
- B. Curved
- C. Sharp
- D. Weapon

12. Triumph

- A. Win
- B. Celebrate
- C. Enjoy
- D. Defeat

13. Feeble

- A. Strong
- B. Weak
- C. Fragile
- D. Delicate

14. Forbid

- A. Debarred
- B. Illegal
- C. Allow
- D. Prohibit

15. Vulnerable

- A. Unsafe
- B. Insecure
- C. Endangered
- D. Protect

16. Distant

- A. Near
- B. Far
- C. Away
- D. Separate

17. Voluntary

- A. Elective
- B. Discretionary
- C. Optional
- D. Compulsory

18. Feasible

- A. Possible
- B. Impracticable
- C. Capable
- D. Reasonable

19. Boycott

- A. Disapprove
- B. Prevent
- C. Abstain
- D. Patronize

20. Prohibit

- A. Failure
- B. Achieve
- C. Allow
- D. Outlaw

**Choose the correct option
grammatically for Q.No's 21 to 40**

21. We should inform _____ of them.

- A. many
- B. no
- C. all
- D. every

22. Where _____ Ram live?

- A. are
- B. is
- C. do
- D. does

23. Columbus was in search _____ USA.

- A. at
- B. of
- C. about
- D. under

24. Look at all those black clouds! It _____ today.

- A. is raining
- B. rains
- C. is going to rain
- D. will be rain

25. Somu died _____ a noble cause.

- A. at
- B. in
- C. for
- D. of

26. The air was clean and fresh, _____ all the traffic

- A. because of
- B. inspite of
- C. according to
- D. even tough

27. She's married _____ an American man.

- A. with
- B. for
- C. to
- D. on

28. His life _____ if he had worn seat belt

- A. would be saved
- B. might have saved
- C. could have been saved
- D. may be saved

29. I used to speak Tamil _____ but I've forgotten it now.

- A. good
- B. fluently
- C. honestly
- D. carefully

30. _____ he is very rich, he lives a very simple life.

- A. After
- B. While
- C. As
- D. Although

31. We waited _____ the plane took off.

- A. as soon as
- B. when
- C. as
- D. until

32. My son _____ medicine at the university.

- A. studies
- B. plays
- C. goes
- D. recites

33. I think you should apologize when you _____ her

- A. see
- B. saw
- C. will see
- D. have seen

34. _____ the room is big, it won't hold all the furniture.

- A. But
- B. Hence
- C. Because
- D. Although

35. His marks in English _____ below average this year.

- A. has been
- B. was being
- C. is being
- D. have been

36. It was so noisy that we _____ hear ourselves speak.

- A. won't
- B. cannot
- C. must not
- D. couldn't

37. The people called for the minister's resignation _____ the scandal broke.

- A. after
- B. across
- C. along
- D. in

38. One million cars _____ next year.

- A. will be produced
- B. were produced
- C. produced
- D. will produce

39. Lots of trees _____ blown down by the wind.

- A. were
- B. has
- C. did
- D. is

40. Take _____ bags in to the kitchen.

- A. these
- B. this
- C. that
- D. it

42. 20% of 280 is _____?

- A. 56
- B. 5.6
- C. 0.56
- D. 0.056

43. A Train covers a distance of 1200 meters in 2 minutes. What is the speed of the moving train?

- A. 1 m/s
- B. 10 m/s
- C. 600 m/s
- D. 60 m/s

44. Kumar purchased a doll for Rs 1000 and sold the same to his friend for a price of Rs 850. What is Kumar's profit/loss?

- A. Rs 150 Loss
- B. Rs 100 Loss
- C. Rs 100 Profit
- D. RS 150 Profit

Choose the correct option (General Mathematics) Q.No's 41 to 60.

41. $0.05 \times 0.01 \times 5 =$ _____

- A. 0.025
- B. 0.25
- C. 0.0025
- D. 0.00025

45. What is the area of circle with diameter of 14 meters?

- A. 616 Sq.mt
- B. 61.6 sq.mt
- C. 15.4 Sq.mt
- D. 154 Sq.mt

46. Complete the series
1, 1, 2, 3, 5, 8, 13, ___ ?
- A. 20
 - B. 19
 - C. 21
 - D. 22
47. $(9 \times 9 + 12 \times 12)^{1/2} = \underline{\hspace{2cm}}$?
- A. 33.40
 - B. 15
 - C. 47.26
 - D. 112.5
48. LCM of 88 and 220 is ___ ?
- A. 220
 - B. 1100
 - C. 880
 - D. 440
49. Find the value of x? $35 : 98 :: x : 140$
- A. 50
 - B. 55
 - C. 60
 - D. 65
50. Find the odd man out:
4, 9, 16, 20, 36, 49, and 64.
- A. 9
 - B. 16
 - C. 64
 - D. 20
51. How much time will it take for an amount of Rs. 450 to yield Rs. 81 as interest at 4.5% per annum of simple interest?
- A. 3 Yrs
 - B. 3.5 Yrs
 - C. 4.5 yrs
 - D. 4 Yrs
52. A boy has 120 balls of which some are white and the remaining are black. If the percentage of white balls is 45%, find the number of black balls he has.
- A. 56
 - B. 66
 - C. 64
 - D. 54
53. A class consists of 20 Boys and 10 Girls. Average weight of Boys is 44 Kg. Average weight of girls is 38. What is the overall average of the whole class?
- A. 39 Kg
 - B. 43 Kg
 - C. 41 Kg
 - D. 42 Kg
54. The circumference of a circular jogging track is 220m. What is the area of the track?
- A. 3800 Sq.mt
 - B. 3850 Sq.mt
 - C. 3900 Sq.mt
 - D. 3950 Sq.mt

55. A man is 24 years older to his son. In two years, his age will be twice the age of his son. The present age of his son is ____ year ?

- A. 22
- B. 20
- C. 18
- D. 14

56. 'A' can finish a work in 18 days and B can do the same work in 15 days. B worked for 10 days and left the job. In how many days, 'A' alone can finish the remaining work?

- A. 5
- B. 5.5
- C. 6
- D. 8

57. If each side of a square is increased by 25%, find the percentage change in its area?

- A. 56.25
- B. 65.25
- C. 65
- D. 56

58. Three numbers are in the ratio 4:5:6 and their average is 25. The largest number is _____.

- A. 30
- B. 40
- C. 50
- D. 60

59. $(51 + 52 + 53 + \dots + 100)$ is equal to _____?

- A. 5050
- B. 1275
- C. 3775
- D. 3575

60. In an examination, a student scores 4 marks for every correct answer and loses 1 mark for every wrong answer. If he attempts all 60 questions and secures 130 marks, the no of questions he attempts correctly is _____.

- A. 35
- B. 38
- C. 40
- D. 42

Choose the correct option (General Knowledge) Q.No's 61 to 100.

61. Mary Kom is related to which of the following sport?

- A. Archery
- B. Boxing
- C. Swimming
- D. Shooting

62. The normal tenure of Loksabha is _____ years.

- A. 4
- B. 5
- C. 6
- D. 7

63. The Election Commission of India holds election for

- A. The president of India
- B. The Parliament
- C. State Legislative Assemblies
- D. All of the Above

64. Which of the following passes through India?

- A. Equator
- B. Tropic of Cancer
- C. Tropic of Capricorn
- D. All of the above

65. Which of the following is the southernmost point in India's territory?

- A. Cape Comorin
- B. Trivandrum
- C. Nagercoil
- D. Indira Point

66. Identify the wrongly matched choice

- A. Jarkhand – Raipur
- B. Odisha – Bhubaneswar
- C. Bihar – Patna
- D. Sikkim – Gangtok

67. Kaziranga National park is in _____

- A. West Bengal
- B. Assam
- C. Mizoram
- D. Tripura

68. An electric bulb having voltage 240V and current 0.6 A has a power of _____

- A. 14.4 W
- B. 144 W
- C. 1440 W
- D. 1.44 W

69. Which of the following leader is conferred with Bharat Ratna in 2019?

- A. Sachin Tendulkar
- B. C.N.R Rao
- C. Lata Mangeshkar
- D. Pranab Mukherjee

70. Barometer is related to Pressure, in the same way as Seismograph is related to _____?

- A. Velocity
- B. Earth Quake
- C. Flood
- D. Temperature

71. Who among the following is the current Speaker of the Lok Sabha?

- A. Om Birla
- B. Sumitra Mahajan
- C. Meira Kumar
- D. P.A.Sangma

72. Who presides over the joint sitting of the parliament?

- A. The Chief Justice of India
- B. The President of India
- C. The Speaker of Lok Sabha
- D. The Vice-President.

77. How many images are formed when two mirrors are placed at right angles?

- A. 3
- B. 4
- C. 5
- D. 6

73. Ajanta Caves are situated in _____?

- A. Madhya Pradesh
- B. Tamil Nadu
- C. Kerala
- D. Maharashtra

78. Bauxite is an ore for the production of _____.

- A. Zinc
- B. Silver
- C. Nickel
- D. Aluminium

74. The popular hill station Nainital is located in which state/UT?

- A. Uttarkhand
- B. Sikkim
- C. Punjab
- D. Ladakh

79. In which of the following medium speed of the sound is maximum?

- A. Steel
- B. Water
- C. Helium
- D. Vacuum

75. First train ran between which stations in India?

- A. Mumbai – Delhi
- B. Mumbai - Pune
- C. Mumbai – Thane
- D. Mumbai – Ahmedabad

80. Caustic Soda is same as _____

- A. Sodium Chloride
- B. Sodium Fluoride
- C. Sodium Hydroxide
- D. Sodium Carbonate

76. 1 Kilobyte (KB) consists of _____

- A. 1024 Byte
- B. 1024 Mega Byte
- C. 1024 Giga byte
- D. None of the above.

81. Tuberculosis is caused by _____

- A. Virus
- B. Bacteria
- C. Fungus
- D. Mosquito

82. Which element present in stainless steel prevents it from corrosion?

- A. Chromium
- B. Iron
- C. Magnesium
- D. Sulphur

83. Which of the following animal is not there in Our National Emblem?

- A. Elephant
- B. Horse
- C. Bull
- D. Tiger

84. Which of the following words does not appear in the Preamble to the Constitution of India?

- A. Freedom
- B. Justice
- C. Integrity
- D. Equality

85. Normally South-west Monsoon in India begins during _____.

- A. 3rd Week of May
- B. First week of June
- C. 3rd week of June
- D. First week of July

86. Who ordered the shooting at Jallianwala Bagh that killed thousand protestors?

- A. John Akehurst
- B. Reginald Dyre
- C. Frederick Alteri
- D. John Armstrong

87. Choose the wrongly matched choice.

- A. Kathak - Kerala
- B. Kuchipudi - Andhra Pradesh
- C. Sattriya - Assam
- D. Mohiniyattam - Kerala

88. Olympic-2020 is scheduled to be held at _____

- A. Greece
- B. Paris
- C. Beijing
- D. Tokyo

89. Which of the following is a KHARIF crop?

- A. Wheat
- B. Cotton
- C. Mustard
- D. Peas

90. Bhopal gas tragedy was caused due to leakage of _____.
- A. Methyl Isocyanate
 - B. Sodium Carbonate
 - C. Potassium Isocyanate
 - D. Sodium dioxide
91. Which of the following is a water soluble Vitamin?
- A. Vitamin A
 - B. Vitamin D
 - C. Vitamin E
 - D. Vitamin C
92. "Khasi Hills" are located at _____.
- A. Varanasi
 - B. Meghalaya
 - C. Assam
 - D. Arunachal Pradesh
93. In which of the following animal, the distinct black stripe extend from the inner corners of the eyes to the mouth is present?
- A. Panther
 - B. Leopard
 - C. Tiger
 - D. Cheetah
94. Which of the following tribes belong to Andaman & Nicobar Islands?
- A. Kota
 - B. Santhal
 - C. Sentinelese
 - D. Todas
95. Which of the following are listed under the UNESCO world heritage site?
- A. Ajanta caves
 - B. Taj Mahal
 - C. Nilgiri Mountain Railways
 - D. All of the above
96. Which of the following Indian states do not share its boundary with China?
- A. Himachal Pradesh
 - B. Sikkim
 - C. Assam
 - D. Arunachal Pradesh
97. Mars Orbiter Mission (MOM) of ISRO is called as _____.
- A. Chandrayaan
 - B. Mangalyaan
 - C. Astrosat
 - D. Gaganyaan

98. Vaccination is invented by _____.

- A. Alexander Fleming
- B. Philip Drinker
- C. Edward Jenner
- D. Robert Koch

99. Who is called as Iron Man of India?

- A. Lal Bahadur Sastri
- B. Sardar Vallabhbhai Patel
- C. Bal Gangadhar Tilak
- D. Baghat Singh

100. Which is the largest blood vessel (Artery) in human body?

- A. Vertebral Artery
- B. Pulmonary Artery
- C. Internal Carotid Artery
- D. Aorta

END OF QUESTION PAPER

SUITABILITY TEST AGAINST **NTPC & SKILLED ARTISAN** (Matriculation Standard)
for appointment under compassionate ground.

Date of Examination: **16/02/2021**

Total Marks 100

Duration: 2 Hours

The following Instructions should be followed before attempting question paper:

- a. "Candidates should write their Name and Roll Number ONLY in space provided in fly leaf and not in any page in answer booklet or additional sheets.
 - b. Any names/roll numbers if found in the answer booklet or additional answer booklet, such papers will be disqualified.
-

1. What is the compound interest on Rs 2500 for 2 years at rate of interest 4% per annum?
- A. Rs. 180
B. Rs. 204
C. Rs. 210
D. Rs. 220
2. A mother is twice as old as her son. If 20 years ago, the age of the mother was 10 times the age of the son, what is the present age of the mother?
- A. 38 years
B. 40 years
C. 43 years
D. 45 years
3. 40 % of 280 =?
- A. 112
B. 116
C. 115
D. 120
4. A shopkeeper sold an article for Rs. 2500. If the cost price of the article is 2000, find the profit percent.
- A. 23%
B. 25%
C. 27%
D. 29%
5. A running man crosses a bridge of length 500 meters in 4 minutes. At what speed he is running?
- A. 8.5 km/s
B. 7.5 km/s
C. 9.5 km/s
D. 6.5 km/s
6. A train moving at speed of 80 km/hr crosses a pole in 7 seconds. Find the length of the train.
- A. 150 m
B. 165 m
C. 175 m
D. 170 m
7. What is the area of a triangle with base 5 meters and height 10 meters?
- A. 20 square meters
B. 35 square meters
C. 25 square meters
D. 40 square meters
8. A : B : C is in the ratio of 3 : 2 : 5. How much money will C get out of Rs 1260?
- A. 252
B. 125
C. 503
D. None of these
9. Complete the series 2, 5, 9, 19, 37.....
- A. 76
B. 74
C. 75
D. None of these.

10. What is the HCF of 1095 and 1168?

- A. 37
- B. 73
- C. 43
- D. 83

Fill in the Sentences:

11. He was very tired as _____ since 6 O' clock in the morning.

- A. he was working
- B. he had been working
- C. he has been working
- D. he will be working

12. Snacks _____ not allowed in Maria's college.

- A. is
- B. had
- C. were
- D. will

13. The boy _____ my car was very honest.

- A. to who I sell
- B. to whom I sold
- C. to who I sold
- D. to whom I sell

14. All neighbours _____ to the bride.

- A. has introduced

- B. introduced
- C. have introduced
- D. were introduced

15. Young men and women should get _____ to waking up early in the morning.

- A. used
- B. trained
- C. prepared
- D. practice

16. Tom found the silver coin _____ the floor.

- A. as he cleans
- B. as he cleaned
- C. as he is cleaning
- D. while cleaning

17. It _____ later that yoga became popular throughout the world.

- A. was many years
- B. was till many years
- C. was not until many years
- D. was not many years later

18. You will fail if you _____ studying now

- A. does not start
- B. do not start
- C. have not start
- D. has not start

19. All the charges of corruption _____ him were found baseless.

- A. level against
- B. levelled with
- C. levelled over
- D. levelled against

20. He is overweight, so the doctor advised him _____ junk food.

- A. to lose
- B. to refrained from
- C. to refrain from
- D. to be refrain from

Fill in correct word:

21. He has access _____ all rooms of the hotel.

- A. of
- B. by
- C. with
- D. to

22. The plan fell because of their laziness.

- A. out
- B. away
- C. through
- D. apart

23. Yesterday, I saw apples _____ the tree.

- A. at
- B. on
- C. into

D. in

24. His house is _____ the way from Delhi to Chandigarh.

- A. by
- B. in
- C. at
- D. on

Q.25. He always stops his car at this stop _____ 5:30 p.m.

- A. on
- B. in
- C. to
- D. at

Q.26. This blazer comes _____ three different sizes.

- A. of
- B. with
- C. at
- D. in

27. The temperature at the hill station was five degrees _____ zero.

- A. under
- B. below
- C. by
- D. to

28. I look forward ____ meeting you soon.

- 1. on
- 2. at
- 3. to
- 4. in

29. You can't vote if you are ____ 18.

- A. under
- B. below
- C. at
- D. none of the above

30. He jumped ____ the river to save her.

- A. in
- B. to
- C. into
- D. onto

Antonyms:

31. Fresh

- A. Stale
- B. Faulty
- C. Noisy
- D. Sluggish

32 Untruthful

- A. Corrupt
- B. Honest
- C. Unclear
- D. Vague

33 Pertinent

- A. Irregular
- B. Irreversible
- C. Irrelevant
- D. None of the above

34 Frugal

- A. Strong
- B. Heavy
- C. Weak
- D. Extravagant

35 Crowded

- A. Coward
- B. Brave
- C. Deserted
- D. Congested

36 Flimsy

- A. Clean
- B. Firm
- C. Soft
- D. Frail

37. Certain

- A. Doubtful
- B. Definite
- C. Often
- D. Durable

38. Solder

- A. Warm
- B. Separate
- C. Overlook
- D. Discard

39. Stationary

- A. Humid
- B. Moving
- C. Detached
- D. Adjustable

40. Chaos

- A. Control
- B. Order
- C. Confuse
- D. Legally

Synonym:

41. Alert

- A. Observant
- B. Genius
- C. Watchful
- D. Energetic

42. Distant

- A. High
- B. Separate
- C. Remove
- D. Far

43. Stringent

- A. Wet

B. Rigorous

C. Dry

D. Sharp

44. Rescue

- A. Retire
- B. Save
- C. Define
- D. Defence

45. Attempt

- A. Explore
- B. Inquire
- C. Try
- D. Analyse

46. Reckless

- A. Careless
- B. Fearless
- C. Odourless
- D. Tasteless

47. Consequence

- A. Conclusion
- B. Result
- C. Clearance
- D. Control

48. Improvement

- A. Retirement
- B. Preference
- C. Betterment
- D. Procurement

49. Abstain

- A. Arrive
- B. Refrain
- C. Reject
- D. Consume

50. Diligent

- A. Faithful
- B. Sincere
- C. Honest
- D. Hard-working

General Knowledge:

51. How many Sessions or Sessions of Parliament are held every year in general?

- (A) 1
- (B) 2
- (C) 3
- (D) 4

52. Where is Garo hills?

- (A) Arunachal Pradesh
- (B) Nagaland
- (C) Manipur
- (D) Meghalaya

53. Bhimbetka Cave is in which state?

- (A) Madhya Pradesh

(B) Uttar Pradesh

(C) Bihar

(D) Orissa

54. Line dividing India and Pakistan is called?

(A) Radcliffe Line

(B) Durant line

(C) McMahon Line

(D) None of these

55. Which is the southern tip of Indian Subcontinent?

(A) Indira Bindu

(B) Cape Comorin

(C) Calimero point

(D) None of these

56. Siachen glacier is in which place of India?

(A) Himachal Pradesh

(B) Uttar Pradesh

(C) Kashmir

(D) Sikkim

57. The Contingency Fund of the State is operated by –

(A) Prime Minister of India

(B) Chief Minister

(C) The President of India

(D) Governor of the State

58. Which of the following countries is not a permanent member of the UN Security Council?

- (A) Russia
- (B) Germany
- (C) USA
- (D) England

59. The idea of the Constitution of India was first given by

- (A) Mahatma Gandhi
- (B) MN Roy
- (C) Jawaharlal Nehru
- (D) Dr. BR Ambedkar

60. The city which is called "Manchester of South India"?

- (A) Coimbatore
- (B) Madurai
- (C) Bangalore
- (D) Chennai

61. Who was the first Governor General of free India?

- (A) C Rajagopalachari
- (B) Lord Mountbatten
- (C) Rajendra Prasad
- (D) Sardar Vallabhai Patel

62. Which of the following city is the capital of Tripura?

- (A) Agartala
- (B) Shillong
- (C) Dispur
- (D) Aizawl

63. Which of the following is known as 'the Princess of Hill Stations'?

- (A) Darjeeling
- (B) Ooty
- (C) Dehradun
- (D) Kodaikanal

64. By which year did Union Railway Minister Piyush Goyal announce India to be the first pollution-free railway in the world?

- (A) 2040
- (B) 2050
- (C) 2030
- (D) 2035

65. Finance Minister Nirmala Sitharaman has targeted to increase the loan to agriculture sector in the budget 2021-22 to how many lakh crores?

- (A) 10.5 lakh crores
- (B) 11.5 lakh crores
- (C) 16.5 lakh crores

(D) 13.5 lakh crores

66. The central government has increased the FDI limit in insurance from 49 percent to what percentage?

(A) 54 percent

(B) 70 percent

(C) 64 percent

(D) 74 percent

67. What is the minimum permissible age for employment in any factory or mine?

A. 12 years

B. 14 years

C. 16 years

D. 18 years

68. The Lok Sabha is also known as

A. Council of states

B. The Upper House

C. The House of Elders

D. Parliament

69. The chairman of the Rajya Sabha is the

A. President of India

B. Vice President of India

C. Prime Minister of India

D. None of the above

70. India opted for a federal form of government because of

A. vast territory

B. cultural integration

C. linguistic and regional diversity

D. administrative convenience

71. First railway ran between which stations in India?

(A) Mumbai - Delhi

(B) Delhi - Thane

(C) Mumbai - Pune

(D) Mumbai - Thane

72. Sangam literature is the literature of which region?

(A) Maharashtra

(B) Tamil Nadu

(C) Kerala

(D) Karnataka

73. Where is "Hawa Mahal" located?

- (A) Udaipur
- (B) Jaisalmer
- (C) Chittorgarh
- (D) Jaipur

74. What is the United Nations Conference on Environment and Development called?

- (A) Resource Summit
- (B) Water summit
- (C) Earth Summit
- (D) Air Summit

75. What is the permanent memory built into your computer called?

- (A) RAM
- (B) ROM
- (C) CPU
- (D) CD-ROM

76. When we work on any document on computer, it is stored temporarily on-

- (A) RAM
- (B) ROM
- (C) CPU
- (D) Flash memory

77. USB stands for-

- (A) Uniform Service Bus
- (B) Universal Serial Bus
- (C) Universal Sector Buffer
- (D) Universe Service Bus

78. What is the full form of CPU?

- (A) Central Processing Unit
- (B) Central Problem Unit
- (C) Central Processing Union
- (D) None of these

79. How many bytes are 1 kilobyte (KB)?

- (A) 1024 bytes
- (B) 1024 megabytes
- (C) 1024 gigabytes
- (D) None of these

80. What is the percentage of nitrogen in the atmosphere?

- (A) 30%
- (B) 80%
- (C) 78%
- (D) 50%

General Science:

81. Which is the largest blood vessel in the body?

- (A) Alveoli
- (B) Artery
- (C) Aorta
- (D) Vein

82. Potassium nitrate is used as:

- (A) medicine
- (B) fertilizer
- (C) salt
- (D) glass

83. The most important ore of aluminium is

- (A) galena
- (B) calamine
- (C) calcite
- (D) bauxite

84. Soda water contains

- (A) carbonic acid
- (B) sulphuric acid
- (C) carbon dioxide
- (D) nitrous acid

85. Chemical formula for water is

- (A) NaAlO_2
- (B) H_2O
- (C) Al_2O_3
- (D) CaSiO_3

86. The gas usually filled in the electric bulb is

- (A) nitrogen
- (B) hydrogen
- (C) carbon dioxide
- (D) oxygen

87. Which of the following is used in pencils?

- (A) Graphite
- (B) Silicon
- (C) Charcoal
- (D) Phosphorous

88. Which gas is used to purify pond water in cities?

- (A) Sulphur dioxide
- (B) Chlorine
- (C) Nitrogen
- (D) Ammonia

89. Which metal has the highest melting point?

- (A) Osmium
- (B) Tungsten
- (C) Molybdenum
- (D) aluminium

90. What chemical substance is present in bones and teeth, what is it called?

- (A) calcium chloride
- (B) calcium borate
- (C) calcium phosphate
- (D) calcium sulphate

91. How many images are formed between two parallel mirrors?

- (A) 2
- (B) 4
- (C) 8
- (D) Infinite

92. Mac number is related to

- (A) At the speed of Car
- (B) At the speed of the ship
- (C) At the speed of the plane
- (D) At the speed of the Drone

93. What is Marble?

- (A) Shale
- (B) Neiss
- (C) Lime Stone
- (D) Sand Stone

94. What is the main factor for rusting in iron?

- (A) oxygen
- (B) Hydrogen
- (C) Nitrogen
- (D) Neon

95. Cooking vessels have wooden or Bakelite handles because—

- (A) the handle must be strong
- (B) wood and Bakelite are bad conductors of heat
- (C) the handle should be attractive
- (D) None of the above

96. The velocity of light is maximum in _____.

- (A) Diamond
- (B) Water
- (C) Vacuum
- (D) Glass

Basic Maths :

97. If area of a circular jogging track is 3850 sq.metres. What is the circumference of the jogging track?

- (A) 225 metres
- (B) 214 metres
- (C) 220 metres
- (D) 235 metres

98. The marked price of an article is ₹ 100. A discount series of 5%, 10% successively reduces the price of an article by

- (A) ₹ 24.5
- (B) ₹ 4.5
- (C) ₹ 14.5
- (D) None of these

inventors :

99. Who among the following is invented the Telephone?

- (A) Alexander Graham Bell
- (B) Fritz Pfluemer
- (C) Pavel Schilling
- (D) Marconi

100. Who among the following invented the World Wide Web (WWW)?

- (A) Sir Tim Berners- Lee
 - (B) Ralph H. Baer
 - (C) Percy Spencer
 - (D) Evangelista Torricelli
-

9. Full form of DTP is :
 a. Desk top promotion b. Desk top pollution c. Desk top publishing
 d. None
10. Full form of MODEM is –
 a. Modulator Demodulator b. Medium Domain
 c. Modernisation design d. None
11. Inaccuracy in computer data is called?
 a. Chip b. byte c. bug d. bit
12. One kilobyte (1 KB) is equivalent to :
 a. 1000 bytes b. 1024 bytes c. 100000 bytes d. 10000 bytes
13. Who was the first Lok Sabha speaker of india?
 a. Sushma Swaraj b. Meerakumar c. Sumitra Mahajan d. Akkamma
14. What is the full form of HTML
 a. Hyper Text Multiple Language
 b. Hyper Text multimedia language
 c. Hyper text markup Language
 d. Hyper text marked language
15. What is the magnitude of the earthquake measuring machine?
 a. Richter Scale & seismogram b. Audiometer
 c. Odometer d. Biometer
16. Where and when the first underground train in India Start?
 a. October 1, 1980 in Calcutta
 b. October 12, 1984 in Calcutta
 c. October 21, 1984 in Calcutta
 d. none
17. Which country is known as the birthright of a cricket game?
 a. Australia b. England c. New Zealand d. India
18. Rocket works on the principle of
 a. Energy conservation
 b. Barnaul Theorem
 c. Avagadro hypothesis
 d. Protection of Momentum

- (H)
19. Which colour of star has maximum temperature?
a. orange b. red c. blue d. yellow
20. Which energy is found in a dry cell?
a. Mechanical b. Electricity c. Chemical d. Electromagnetic
21. What energy is there in the key clock?
a. Kinetic energy b. Potential energy c. Consolidated energy
d. Fission energy
22. Which country is also known as NIPPON (Land of Rising Sun)?
a. China b. America c. Europe d. Japan
23. Who is the author of famous book Jungle Book?
a. William Wordsworth b. Richard Williams c. Frank Thomas
d. Rudyard Kipling
24. Raindrop is spherical
a. Due to surface tension
b. Due to atmospheric friction of the air
c. Due to the gravity of the round earth
d. Due to the presence of rain water
25. Electric motor works according to the following principle
a. Faraday's Law b. Laws of Lenz c. Ohm's law d. Fleming's law
26. Bronze is an alloy of which element?
a. Zinc and iron b. Copper and zinc c. Copper and Tin
d. Copper and iron
27. What does a cartographer make?
a. Carts b. Maps c. Wheels d. Irons
28. From which flower is Vanilla extracted?
a. Orchid b. Daffodil c. Marigold d. Daisy

40. When did the first train run in India?

- a. 16 April 1853 b. 16th Sep 1853 c. 16th Aug 1853 d. 16th Jan 1853

Solve the problem

41. The sum of first n natural numbers is 10. The sum of their cubes is ?

- a. 20 b. 100 c. 1000 d. 30

42. How many Zeros are there in one Billion?

- a. 9 b. 8 c. 10 d. 12

43. What are the three positive numbers give the same result when multiplied and added together?

- a. 4,5,6 b. 1,2,3 c. 0,1,2 d. 2,3,4

44. Common ratio of GP 3,9,27 ----- is

- a. 4 b. 3 c. 27 d. 9

45. Which is the only number that cannot be used as a divisor?

- a. 1 b. 0 c. -1 d. None

46. Diameter of circle?

- a. 2xradius b. radius c. 4xradius d. 2 pi r.

47. Arun has equal number of one rupee, five rupee and 10 rupee notes with him. If he has 320 rupees with him, what will be the number of each rupee notes?

- a. 20 b. 10 c. 50 d. 30

48. Average age of 6 boys is 12 years. The average age of 4 other boys is 18 years. Find the average age of all 10 boys.

- a. 17 yrs b. 30 yrs c. 14.4 yrs d. 20 yrs

49. Which number will come next?

4,11,7,14,10,17 -----

- a. 24 b. 13 c. 20 d. none

50. Roger is looking at a map where the scale is 2Km = 4.5 cm. If he measures the distance from the house to the center of town on the map is 12.06 cm, how many kilometers is the distance from the centre?

- a. 2.8 b. 5.6 c. 6 d. 7.6

51. If John can run 9 Km in y minutes, how many Km can he run in 10 minutes?
 a. $90y/10$ b. $90y$ c. $1/90y$ d. $90/y$
52. Find the solutions of the following quadratic equation $x^2 = 36$
 a. 6 b. -6 c. 36 d. 6 and -6
53. A new company is formed by Paul and Jane. The total investment by them is AED Rs. 60000/-. It is known that Paul's investment is twice as much as Jane's. What is Jane's investment in AED?
 a. 20,000 b. 30,000 c. 40,000 d. 15,000
54. $(\sqrt{10-3})(\sqrt{10+3}) = ?$
 a. 1 b. 2 c. $2\sqrt{10}$ d. 6
55. Amit said, "This girl is the wife of the grandson of my mother". How is Amit related to the girl?
 a. Brother b. Grandfather c. Husband d. Father-in-law
56. Find the missing number?
 3,12,27,48,75,108, ?
 a. 147 b. 162 c. 183 d. 192
57. A train moves with a speed of 108 Km/hr. Its speed in metres per second is :
 a. 10.8 b. 18 c. 30 d. 33.8
58. A speed of 14 meters per second is the same as :
 a. 28 Km/hr b. 46.6 km/hr c. 50.4 Km/hr d. 70 Km/hr
59. 20% of 2 is equal to
 a. 20 b. 4 c. 0.4 d. 0.04
60. The simplest form of 1:5 : 2:5 is
 a. 6:10 b. 15:25 c. 0.75 : 1.25 d. 3:5
61. Fill the article
 Italy is ----- European country
 a. a b. an c. the d. no article
62. The kind is likely to marry ----- heiress
 a. a b. an c. the d. none
63. It has been raining all ----- afternoon
 a. a b. an c. no article d. the

76. Raja has a fragile frame
a. Soundless b. strong c. weaker d. weak
77. Our kings were liberal in grants to temples
a. Greedy b. liberality c. generous d. generosity
78. Aberration
a. Deviation b. detect c. drive d. direction
79. Unaware
a. Famous b. familiar c. negligent d. ignorant
80. Chided
a. Praised b. flattered c. scolded d. None

Antonyms:

81. Exhaust
a. Fresh b. tired c. sleepy d. drowsy
82. Pursued
a. Followed b. gone behind c. retreated d. keep in touch
83. Despises
a. Loves b. dislikes c. depletes d. none
84. Innocence
a. Guilty b. ignorance c. simplicity d. harmlessness
85. Aware
a. Inform b. conscious c. abreast d. ignorant
86. Abhor
a. Hate b. like c. love d. kill
87. Abiding
a. Permanent b. existing c. passing d. running
88. Abstract
a. Beyond perception b. summary c. concrete d. shapely

89. Affinity

- a. Attraction
- b. hatred
- c. repulsion
- d. thirst

90. Ample

- a. Sufficient
- b. wide
- c. ugly
- d. insufficient.

Which of the words is correct:

91. John spent ----- of his time in the little church

- a. Most
- b. often
- c. little
- d. much

92. I some time ----- my temper

- a. Lose
- b. loose
- c. high
- d. higher

93. India works for ----- in the world

- a. Fight
- b. piece
- c. peace
- d. enemy

94. Our ----- is a man of principle in the college

- a. Office boy
- b. peon
- c. at tender
- d. principal

95. -----Makes a man perfect in his art

- a. Disconnection
- b. disobedient
- c. practice
- d. absent

96. He was caught in a -----problem

- a. Bad
- b. naughty
- c. poor
- d. knotty

97. The criminal took----- in a hut

- a. Photo
- b. floor
- c. refuse
- d. protection

98. He always does things -----

- a. Bright
- b. light
- c. right
- d. rite

99. Rajan leads a -----life

- a. Quite
- b. bad
- c. problem
- d. quit

100. ----- is strength

- a. Union
- b. unity
- c. quarrel
- d. enimity



Question Booklet No.: —

**SUITABILITY TEST AGAINST NTPC/SKILLED ARTIZAN (MATRICULATION
STANDARD) FOR APPOINTMENT UNDER COMPASSIONATE GROUNDS**

Duration of Exam: 2 Hrs

Total marks: 100

Date of Examination: 20.02.2020

Venue of examination: **Railway Higher Secondary School, Perambur, Chennai-600011**

INSTRUCTIONS

- a) "Candidates should write their name and roll number **ONLY** in the space provided in the fly leaf and not in any of the page in the answer booklet or additional answer booklet"
- b) Any names/roll numbers if found in the answer booklet or additional answer booklet, such papers will be disqualified.

Synonyms (1 to 10):

- | | | | | |
|----------------|---------------|---------------|---------------|----------------|
| 1. Kin | a) Exult | b) Twist | c) Friend | d) Relative |
| 2. Gracious | a) Pretty | b) Clever | c) Pleasant | d) Present |
| 3. Banish | a) Exile | b) Hate | c) Fade | d) Clean |
| 4. Indifferent | a) Neutral | b) Unkind | c) Precious | d) Mean |
| 5. Sacrosanct | a) Prayer | b) Sanctuary | c) Pious | d) Sacred |
| 6. Upright | a) Honourable | b) Horizontal | c) Humble | d) Supine |
| 7. Qualm | a) Distress | b) Impunity | c) Persevere | d) Scruple |
| 8. Loquacious | a) Talkative | b) Thirsty | c) Beautiful | d) Complicated |
| 9. Detest | a) Argue | b) Hate | c) Discover | d) Reveal |
| 10. Pensive | a) Oppressed | b) Caged | c) Thoughtful | d) Happy |

Antonyms (11 to 20):

11. Impartial
a) Hostile b) Biased c) Dislike d) Worried
12. Abate
a) Free b) Augment c) Provoke d) Wane
13. Dearth
a) Lack b) Poverty c) Abundance d) Foreign
14. Common
a) Strange b) Uneasy c) Quick d) Fast
15. Meager
a) Kind b) Generous c) Thoughtful d) Copious
16. Withdraw
a) Reduce b) Need c) Advance d) Want
17. Secret
a) Friendly b) Covert c) Hidden d) Overt
18. Awe
a) Borrow b) Shallow c) Low d) Contempt
19. Luminous
a) Clear b) Dim c) Brittle d) Clever
20. Zenith
a) Worst b) Apex c) Nadir d) Past

One word substitute (21 to 30):

21. A person living permanently in a certain place
a) Resident b) Native c) Domicile d) Subject
22. One who loves mankind is called
a) Optimist b) Philanthropist c) Optometrist d) Truant
23. A remedy for all disease is
a) Medicine b) Medical c) Medica d) Panacea
24. An office for which no salary is paid
a) Hospitable b) Free c) Honorary d) Gratis
25. One who comes to settle in a country
a) Tourist b) Emigrant c) Immigrant d) Visitor
26. A place to bury dead bodies
a) Catacomb b) Crypt c) Cementery d) Sepuleher
27. Living for years and years
a) Perennial b) Permanent c) Annual d) Continous
28. The cessation of warfare before signing a treaty
a) Armistice b) Truce c) Ceasefire d) Suspension





29. The absence of government
a) Misrule b) Unruly c) Anarchy d) Chaos

30. A substance in the blood tending to neutralize matter that is harmful
a) Antidote b) Antibiotic c) Antiseptic d) Antibody

Choose the correct option (31 to 100):

31. Value of 240° into radians should be
a) $4\pi/3$ b) $3\pi/4$ c) $\pi/4$ d) $\pi/6$
32. $\tan \theta$ equals to
a) $1/\operatorname{cosec} \theta$ b) $1/\sec \theta$ c) $1/\cos \theta$ d) $1/\cot \theta$
33. $3\pi/2$ radians are equal to
a) 270° b) 180° c) 90° d) 60°
34. $\sin^2 \theta + \cos^2 \theta$ equals to
a) 1 b) 0 c) 0.5 d) 2
35. Angles between 270° and 360° lies in
a) 1st quadrant b) 2nd quadrant c) 3rd quadrant d) 4th quadrant
36. On evaluating algebraic expression $-3(4s - 2t) - 4(2s + 3t)$ answer will be
a) $-20s - 6t$ b) $-6s + 20t$ c) $21s - 7t$ d) $23s + 8t$
37. Answer of factorization of expression $(3x - 2y)(a + b) + (4x - 3y)(a + b)$ is
a) $(5x + 5y)(a + b)$ b) $(5x + 5y) - (a + b)$ c) $(6x - 8y)(a - b)$ d) $(7x - 5y)(a + b)$
38. If $a = 20$, $b = 35$ and $c = 5$ then $(4a + b) \div c$ is
a) 23 b) 115 c) 53 d) 43
39. On solving $a/4 + a/6$, answer will be
a) $8a/5$ b) $7a/11$ c) $5a/12$ d) $3a/10$
40. On evaluating expression $(a-4)/5 + (a+3)/15$, answer is
a) $(4a - 9)/15$ b) $(-2a + 6)/4$ c) $(-2a + 9)/8$ d) $(3a + 6)/5$
41. In a class there are 20 boys and 15 girls. The ratio of boys to girls is
a) 4:3 b) 3:4 c) 4:5 d) none of the above
42. The ratio of 1 hour to 300 seconds is
a) 1:12 b) 12:1 c) 1:5 d) 5:1
43. The length and breadth of a rectangle are in the ratio 3:1, if the breadth is 7 cm, then the length of the rectangle is
a) 14cm b) 16cm c) 18cm d) 21cm
44. If $a:b = 7:5$; $b:c = 9:11$, find $a:b:c$?
a) 63:14:55 b) 63:45:55 c) 14:14:15 d) 7:14:15
45. The proportion of copper and zinc in the brass is 13:7. How much zinc will there be in 100 kg of brass?
a) 20 kg b) 35 kg c) 55 kg d) 14 kg



46. A person walking at 4 kmph reaches his office 8 minutes late. If he walks at 6 kmph, he reaches there 8 minutes earlier. How far is the office from his house?
 a) $3\frac{1}{5}$ km b) $2\frac{1}{5}$ km c) $4\frac{1}{5}$ km d) $5\frac{1}{5}$ km
47. A train moves past a telegraph post and a bridge 264 mt long in 8 seconds and 20 seconds respectively. What is the speed of the train?
 a) 76 kmph b) 79.2 kmph c) 69.5 kmph d) 68.5 kmph
48. A train 360 mt long is running at a speed of 45 kmph. In what time will it pass a bridge 140 mt long ?
 a) 40 seconds b) 45 seconds c) 42 seconds d) 48 seconds
49. An aeroplane covers a certain distance at 420 kmph in 6 hours, to cover the same distance in $4\frac{2}{3}$ hours, it must travel at a speed of
 a) 580kmph b) 550 kmph c) 540 kmph d) 530 kmph
50. A man starts at 3 p.m with the speed of 50 kmph, another man follows him at 4 p.m with the speed of 75 kmph. When will they meet ?
 a) 5 p.m b) 6 p.m c) 7 p.m d) 6.30 p.m
51. Lines are always
 a) Solid b) Finite c) Non collinear d) Straight
52. Any four points determine
 a) A plane b) A line c) A ray d) No determination can be made
53. The sum of length of two sides of a triangle is always
 a) Less than third b) Greater than third c) Equal to third d) $\frac{2}{3}$ to third
54. Concentric circles are circles having the _____ center, but different radii
 a) Same b) different c) No d) Two
55. If all the sides and angles in a parallelogram are equal then it is called a
 a) Rectangle b) Triangle c) Square d) Trapezium
56. What will be fraction of 20%
 a) $\frac{1}{4}$ b) $\frac{1}{5}$ c) $\frac{1}{10}$ d) None of the above
57. The ratio 5:20 expressed as percent equal to
 a) 50% b) 125% c) 25% d) None of the above
58. Half of 1% written as decimal is
 a) 5 b) 0.5 c) 0.05 d) 0.005
59. Evaluate 28% of 450 + 45% of 280
 a) 232 b) 242 c) 252 d) 262
60. $\frac{1}{2}$ is what percent of $\frac{1}{3}$
 a) 150% b) 200% c) 250% d) 300%
61. Two pipes A and B can fill a tank in 20 and 30 minutes respectively. If both the pipes are used together, then how long it will take to fill the tank?



- a) 10 min b) 12 min c) 15 min d) 20 min
62. A cistern can be filled by a tap in 4 hours while it can be emptied by another tap in 9 hours. If both the taps are opened simultaneously, then after how much time cistern will get filled?
- a) 7 hours b) 7.1 hours c) 7.2 hours d) 7.3 hours
63. Pipe A can fill a tank in 5 hours, pipe B in 10 hours and pipe C in 30 hours. If all the pipes are open in how many hours will the tank be filled?
- a) 2.5 hours b) 2 hours c) 3.5 hours d) 3 hours
64. A tap can fill a tank in 6 hours. After half the tank is filled then 3 more similar taps are opened. What will be total time taken to fill the tank completely.
- a) 2 hr. 30 min b) 2 hr. 45 min c) 3 hr. 30 min d) 3 hr. 45 min
65. Two pipes A and B can fill a tank in 4 and 5 hours respectively. If they are turned up alternatively for one hour each, the time taken to fill the tank is ?
- a) 2 hr. 15 min b) 4 hr. 24 min c) 5 hr. d) 3 hr
66. Father is aged three times more than his son Ronit. After 8 years, he would be two and a half times of Ronit's age. After further 8 years, how many times would be of Ronit's age?
- a) 2 times b) $2\frac{1}{2}$ times c) $2\frac{3}{4}$ times d) 3 times
67. The sum of ages of 5 children born at the intervals of 3 years each is 50 years. What is the age of the youngest.
- a) 4 years b) 8 years c) 10 years d) None of the above
68. A father said to this son "I was as old as you are at the present at the time of your birth". If the father's age is 38 years now, the son's age five years back was:
- a) 14 years b) 19 years c) 33 years d) 38 years
69. A is two years older than B who is twice as old as C. if the total of the ages of A, B and C be 27, then how old is B ?
- a) 7 b) 8 c) 9 d) 10
70. A man is 24 years older than his son. In two years, his age will be twice the age of his son. The present age of his son is
- a) 14 years b) 18 years c) 20 years d) 22 years
71. In the first 10 overs of a cricket game. The run rate was only 3.2. what should be the run rate in the remaining 40 overs to reach the target of 282 runs ?
- a) 6.25 b) 6.5 c) 6.75 d) 7
72. The average of 20 numbers is zero. Of them, at the most, how many may be greater than zero ?
- a) 0 b) 1 c) 10 d) 19
73. A car owner buys petrol at Rs.7.50, Rs.8 and Rs.8.50 per liter for three successive years. What approximately is the average cost per litre of petrol if he spends Rs. 4000 each year?

- a) Rs.7.98 b) Rs.8.00 c) Rs.8.50 d) Rs.9.00
74. The average weight of A,B and C is 45 kg. if the average weight of A and B be 40 kg and that of B and C be 43 kg, then the weight of B is:
a) 17 kg b) 20 kg c) 26 kg d) 31 kg
75. A library has an average of 510 visitors on Sundays and 240 on other days. The average number of visitors per day in a month of 30 days beginning with a Sunday is:
a) 250 b) 276 c) 280 d) 285
76. Find the greatest number that will divide 43, 91 and 183 so as to leave the same remainder in each case.
a) 4 b) 7 c) 9 d) 13
77. The greatest number of four digits which is divisible by 15, 25, 40 and 75 is:
a) 9000 b) 9400 c) 9600 d) 9800
78. The least multiple of 7, which leaves a remainder of 4, when divided by 6,9,15 and 18 is:
a) 74 b) 94 c) 184 d) 364
79. The cost price of 20 articles is the same as the selling price of x articles. If the profit is 25%, then the value of x is:
a) 15 b) 16 c) 18 d) 25
80. If selling price is doubled, the profit triples. Find the profit percent
a) $66 \frac{2}{3}$ b) 100 c) $105 \frac{1}{3}$ d) 120
81. _____ declares corona virus as public health emergency of international concern?
a) UNICEF b) EU c) United nations d) WHO
82. Which Indian badminton ace has recently joined BJP?
a) Saina Nehwal b) Jwala Gutta c) P.V.Sindhu d) Ashwini Ponnappa
83. Which bird is the official mascot for the Goa 2020 National games?
a) Crow b) Penguin c) Rubigula d) Crane
84. Who won the Australian open Men's singles Tennis 2020?
a) Roger Federer b) Rafael Nadal c) Novak Djokovic d) Dominic thiem
85. Who won the best supporting actor award at the recently held academy awards?
a) Tom Hanks b) Joe Pesci c) Brad pitt d) Anthony Hopkins
86. Who is the longest serving chief minister of any Indian state?
a) Lal thanhawla b) Gegong Apang c) Pawan kumar chamling
d) Jyoti Basu
87. What is the serving term of the members of "Rajya Sabha"?
a) 4 years b) 5 years c) 6 years d) 7 years
88. Constitution of Indian was adopted by constituent assembly on?
a) 25th Jan 1948 b) 25th Jan 1949 c) 26th Jan 1950 d) 26th Nov 1949
89. Who is the present speaker of Lok Sabha?
a) Meera Kumari b) Ramnath Kovind c) Om birla d) Ramvilas Paswan



90. Who is selected as the 14th President of India?
a) Ram nath kovind b) Suresh kumar c) Rajesh kumar d) Meer kumari
91. For which of the following disciplines Noble prize is awarded?
a) Physics & Chemistry b) Physiology or Medicine c) Literature, Peace & Economics
d) All of the above
92. Hitler party which came into power in 1933 is known as
a) Labour party b) Nazi party c) Ku-Klux-Klan
d) Democratic party
93. Golf player Vijay Singh belongs to which country?
a) USA b) Fiji c) India d) UK
94. Friction can be reduced by changing from
a) Sliding to rolling b) Rolling to sliding c) Potential energy to kinetic energy
d) Dynamic to static
95. The India's highest rainfall is reported at
a) Namchi, Sikkim b) Churu, Rajasthan c) Mawsynram, Meghalaya
d) Chamba, Himachal Pradesh
96. The Radcliffe line is a boundary between
a) India & Pakistan b) Inda & China c) India & Myanmar d) India & Afghanistan
97. Which is the highest gallantry award in India ?
a) Param Vishishta Seva Medal b) Param Vir Chakra
c) Kirti Chakra d) Vir Chakra
98. Photosynthesis generally takes place in which parts of the plant?
a) Leaf & other chloroplast bearing parts b) Stem & leaf
c) Roots & Chloropast bearing parts d) Bark & leaf
99. Where is the National Academy of Indian Railways located?
a) Pune b) Hyderabad c) Vadodara d) Nasik
100. The Indian institute of science is located at
a) New Delhi b) Chennai c) Mumbai d) Bangalore



अनुकंपा के आधार पर नियुक्ति के लिए एनटीपीसी/कुशल कारीगर (मेट्रिकुलेशन स्तर) के अंतर्गत
उपयुक्तता परीक्षा

परीक्षा की अवधि : 2 घंटे

कुल अंक : 100

परीक्षा की तारीख : 20.02.2020

परीक्षा का स्थान : रेलवे हायर सेकंडरी स्कूल, पेरंबूर, चेन्नै, चेन्नै-600 011

अनुदेश

क. अभ्यर्थियों को अपना नाम व अनुक्रमांक फ्लाई लीफ में दिए गए स्थान में ही लिखना चाहिए और उत्तर पुस्तिका या अतिरिक्त उत्तर पुस्तिका के किसी पन्ने पर कहीं भी ये विवरण नहीं लिखना चाहिए।

ख. यदि उत्तर पुस्तिका या अतिरिक्त उत्तर पुस्तिका में कोई नाम / अनुक्रमांक पाया जाए तो ऐसे पेपरों को अनर्ह घोषित किया जाएगा।

प्रश्न सं. 1 से 30 तक अंग्रेज़ी भाषा से संबंधित हैं। इनके लिए कृपया अंग्रेज़ी प्रश्न-पत्र देखें।

सही विकल्प चुनें। (31 से 100 तक)

31. 240° रेडियन का मूल्य है।

ए) $4\pi/3$ बी) $3\pi/4$ सी) $\pi/4$ डी) $\pi/6$

32. टैन $\theta = \dots\dots\dots$ है।

ए) 1/कोज़ीक θ बी) 1/सेक θ सी) 1/कॉस θ डी) 1/कॉट θ

33. $3\pi/2$ रेडियन = है।

ए) 270° बी) 180° सी) 90° डी) 60°

34. साइन² θ + कॉस² $\theta = \dots\dots\dots$ है।

ए) 1 बी) 0 सी) 0.5 डी) 2

35. 270° और 360° के बीच का कोण क्वार्टेंट (चतुर्थांश) में आता है।

**SUITABILITY TEST AGAINST NTPC & SKILLED ARTISAN (MATRICULATION
STANDARD) FOR APPOINTMENT UNDER COMPASSIONATE GROUND.**

Date: 15.09.2022

Max.Marks: 100

Duration : 2 Hours

INSTRUCTIONS TO CANDIDATES

"Please read all the instructions carefully before making any entry in the answer sheet

1.	<u>Check that the question paper contains 100 questions and if any unprinted / torn pages are found, get it replaced.</u>
2.	<u>There will be 100 questions with FOUR multiple choice answers in capital letters only as A/B/C/D and not in lower case uniformly and answers written in capital letter will only be evaluated.</u>
3.	<u>Each question carries one mark.</u>
4.	<u>Candidates should write their name and roll number ONLY in the space provided in the fly leaf and not in any of the page in the answer booklet.</u>
5.	<u>Any names/roll numbers, if found in the answer booklet or additional answer booklet, such papers will not be evaluated and will be disqualified.</u>
6.	<u>In the answers, correction of any type Eg: cutting / overwriting /Erasing /scoring and re-writing another answer / writing the answer in text form, writing the answers in Lower Case, etc., is not permitted. Such answers will not be evaluated at all.</u>
7.	<u>Candidates are not allowed to keep mobile phones/Electronic gadgets or any other documents/papers within the examination hall.</u>
8.	<u>There is no negative mark for wrong answer.</u>

गणित / MATHEMATICS

निर्देश: गलत क्रम के कारण प्रश्न गलत है। सही समीकरण बनाने के लिए नीचे दिए गये चार विकल्पों के सही क्रम का चयन करें। उत्तर पुस्तिका में संबंधित प्रश्न संख्या के सामने सही विकल्प की संख्या को लिखें-

Direction: The questions have become wrong because of the wrong order of signs. Choose the correct order of signs from the four options given below so as to make the equations right. Write the alternative number of the correct option on the answer sheet against the corresponding question number –

1. जी.पी का सामान्य अनुपात 3,9,27

common ratio of GP 3,9,27

A. 4 B. 3 C. 27 D. 9

2. आगली संख्या कौन सी आएगी?

which number will come next?

4,11,7,14,10,17

A.24 B. 13 C. 20 D. कोई नहीं/ none

3. रोजर एक नक्शे को देख रहा है जहां पैमाना 2 किमी = 4.5 सेमी है। यदि मानचित्र पर घर से शहर के केंद्र तक की दूरी 12.06 सेमी है, तो केंद्र कितने किलोमीटर की दूरी पर है?

Roger is looking at a map where the scale is 2km=4.5 cm. If he measures the distance from the house to the center of town on the map is 12.06 cm, how many kilometers is the distance from the centre?

A. 2.8 B. 5.6 C. 6 D. 7.6

4. $(\sqrt{10}-3)(\sqrt{10}+3)=?$

A. 1 B. 2 C. $2\sqrt{10}$ D. 6

5. छूट गयी संख्या ज्ञात कीजिये?

Find the missing number?

3,12,27,48,75,108,?

A. 147 B. 162 C. 183 D. 192

6. $(9 \times 9 + 12 \times 12)^{1/2}$

A. 33.40 B. 15 C. 47.26 D. 112.5

7. एक लड़के के पास 120 गेंदें हैं जिनमें से कुछ सफेद हैं और शेष काली हैं। यदि सफेद गेंदों का प्रतिशत 45% है, तो उसके पास काली गेंदों की संख्या ज्ञात कीजिए।

A boy has 120 balls of which some are white and the remaining are black. If the percentage of white balls is 45%, find the number of black balls he has.

A. 56 B. 66 C. 64 D. 54

8. एक कक्षा में 20 लड़के और 10 लड़कियां हैं। लड़कों का औसत वजन 44 किलो है। लड़कियों का औसत वजन 38 है। संपूर्ण कक्षा का औसत क्या है?

A class consists of 20 Boys and 10 Girls. Average weight of Boys is 44 kg. Average weight of girls is 38. What is the overall average of the whole class?

A. 39kg B. 43kg C. 41kg D. 42kg

9. 14 मीटर प्रति सेकंड की गति के समान है

A speed of 14 meters per second is the same as

A. 28km/hr B. 46.6km/hr C. 50.4km/hr D. 70km/hr

10. 1:5 : 2:5 का सबसे सरल रूप

The simplest form of 1:5 : 2:5

A. 6:10 B. 15:25 C. 0.75:1.25 D. 3:5

11. $0.05 \times 0.01 \times 5 =$

A. 0.025 B. 0.25 C. 0.0025 D. 0.00025

12. एक ट्रेन 1200 मीटर की दूरी 2 मिनट में तय करती है। चलती ट्रेन की गति क्या है?

A train covers a distance of 1200 meters in 2 minutes. What is the speed of the moving train?

A. 1m/s B. 10m/s C. 600m/s D. 60m/s

13. कुमार ने 1000 रुपये में एक गुड़िया खरीदी और उसे अपने दोस्त को 850 रुपये की कीमत पर बेच दिया। कुमार का लाभ/हानि क्या है?

Kumar purchased a doll for Rs 1000 and sold the same to his friend for a price of Rs 850. What is Kumar's profit/loss?

A. Rs 150 हानि/loss B. Rs 100 हानि/ loss C. Rs 100 लाभ/ profit D. Rs 150 लाभ/profit

14. 14 मीटर व्यास वाले वृत्त का क्षेत्रफल क्या है?

What is the area of circle with diameter of 14 meters ?

A. 616 वर्ग मी./ Sq.mt B. 61.6S वर्ग मी./ q.mt C. 15.4 वर्ग मी./ Sq.m D. 154 वर्ग मी./ Sq.mt

15. एक आदमी अपने पुत्र से 24 साल बड़ा है। दो वर्षों में, उसकी आयु उसके पुत्र की आयु की दोगुनी हो जाएगी। उसके पुत्र की वर्तमान आयु ----- वर्ष है?

A man is 24 years older to his son. In two years, his age will be twice the age of his son. The present age of his son is ----- year ?

A. 22 B. 20 C. 18 D. 14

16. 'A' एक कार्य को 18 दिनों में पूरा कर सकता है और B उसी कार्य को 15 दिनों में पूरा कर सकता है। B ने 10 दिनों तक काम किया और काम छोड़ दिया। 'A' अकेले शेष कार्य को कितने दिनों में पूरा करेगा ?

'A' can finish a work in 18 days and B can do the same work in 15 days. B worked for 10 days and left the job. In how many days 'A' alone can finish the remaining work ?

A. 5 B. 5.5 C. 6 D. 8

17. $51+52+53+\dots\dots\dots + 100$) बराबर है -----?

(51+52+53+..... + 100) is equal to -----?

- A. 5050 B. 1275 C. 3775 D. 3575

18. एक परीक्षा में एक विद्यार्थी प्रत्येक सही उत्तर के लिए 4 अंक प्राप्त करता है और प्रत्येक गलत उत्तर के लिए 1 अंक खो देता है। यदि उसने सभी 60 प्रश्नों का प्रयास किया और 130 अंक प्राप्त किए हैं, तो उसके द्वारा सही प्रयास करने वाले प्रश्नों की संख्या ----- है।

In an examination a student scores 4 marks for every correct answer and loses 1 mark for every wrong answer. If he attempts all 60 questions and secures 130 marks, the no of questions he attempts correctly is -----

- A. 35 B. 38 C. 40 D. 42

19. 27 और 63 का म.स.प. The HCF of 27 and 63 is

- A. 63 B. 27 C. 18 D. 9

20. $\frac{3}{7}$ प्राप्त करने के लिए $-\frac{7}{3}$ में क्या जोड़ा जाना चाहिए?

What should be added to $-\frac{7}{3}$ to get $\frac{3}{7}$?

- A. $\frac{21}{58}$ B. $\frac{58}{21}$ C. $\frac{47}{21}$ D. $\frac{50}{21}$

21. उस वृत्त का व्यास ज्ञात कीजिये जिसका क्षेत्रफल 154 सेमी^2 है

Find the diameter of the circle whose area is 154 cm^2

- A. 7 सेमी/cm B. 14 सेमी/ cm. C. 10 सेमी/ cm. D. 20 सेमी/cm.

22. आंकड़ों की मादयिका : 155,160,145,149,150,147,152,144,148 है?

The median of the data : 155,160,145,149,150,147,152,144,148 is

- A. 149 B. 150 C. 147 D. 144

23. 8% प्रति वर्ष साधारण ब्याज की दर से निवेश किया गया 500 रुपये कितने समय में 580 रुपय हो जाएगा ?

In how much time does Rs 500 invested at the rate of 8% p.a. simple interest amounts to Rs 580 ?

- A. 2 वर्ष/years B. 4 वर्ष/years C. 8 वर्ष/years D. 10 वर्ष/years

24. पहली 50 प्राकृत संख्याओं का औसत ----- है

The average of first 50 natural numbers is -----

- A. 25.30 B. 25.50 C. 25.00 D. 12.25

25. यदि $0.75 : X :: 5 : 8$ है, तो X बराबर है ----- के

If $0.75 : X :: 5 : 8$, then X is equal to -----

- A. 1.12 B. 1.2 C. 1.25 D. 1.30

26. असंगत ज्ञात कीजिये : 53,59,62,67,71,73,79

Find the odd one out : 53,59,62,67,71,73,79

- A. 62 B. 53 C. 71 D. उपरोक्त में कोई नहीं / None of the above

27. दी गई श्रृंखला में आगे क्या आएगा: 3W,7V,11U,15T,-----

What comes next in the given series :3W,7V,11U,15T,-----

- A. 19Z B. 20P C. 19S D. 22Q ✓

28. दो संख्याएं 130 और 364 हैं। उनका ल.स.व 1820 है। म.स.व ----- है

Two numbers are 130 and 364. Their LCM is 1820. HCF is -----

A. 26 B. 35 C. 28 D. 29

29. यदि संख्या "X4461" 11 से विभाज्य है, तो 'X' का मान क्या है?

If the number "X4461" IS DIVISIBLE BY 11, What is the face of 'X' ?

A. 5 B. 2 C. 3 D. 4

30. निम्नलिखित संख्याओं में से सबसे छोटी संख्या कौन सी है?

Which is the smallest of the following numbers ?

A. $\sqrt{25}$ B. $5/\sqrt{2}$ C. $\sqrt{2/5}$ D. $1/\sqrt{20}$

सामान्यज्ञान /GENERAL KNOWLEDGE

31. लोकसभा का सामान्य कार्यकाल ----- वर्ष का होता है।

The normal tenure of Loksabha is ----- years

A. 4 B. 5 C. 6 D. 7

32. निम्नलिखित में से कौन सा भारतीय क्षेत्र का सबसे दक्षिणी बिंदु है?

Which of the following is the southernmost point in India's territory ?

A. capecomorin B. Trivandrum C. Nagercoil D. Indira point

33. निम्नलिखित में से किस नेता को 2019 में भारत रत्न से सम्मानित किया गया है?

Which of the following leader is conferred with Bharat Ratna in 2019 ?

A. सचिन तेंदुलकर/Sachin Tendulkar B. सी.एन.आर राव/C.N.R Rao C. लता मंगेशकर/Lata Mangeshkar
D. प्रणब मुखर्जी/Pranab Mukherjee

34. जिस प्रकार बैरोमीटर दाब से संबंधित है, उस तरह सिस्मोग्राफ संबंधित है -----?

Barometer is related to pressure, in the same way as seismograph is related to-----?

A. वेग/Velocity B. भूकंप/Earth Quake

C. बाढ़/ Flood D. तापमान/Temperature

35. संसद की संयुक्त बैठक की अध्यक्षता कौन करता है?

Who presides over the joint sitting of the parliament ?

A. भारत का मुख्य न्यायाधीश/The Chief justice of India B. भारत का राष्ट्रपति/The president of India

C. लोक सभा का अध्यक्ष/The speaker of Loksabha D. उपराष्ट्रपति/The Vice President

36. अजंता की गुफाएं --- में स्थित हैं।

Ajanta caves are situated in ---?

A. Madhya Pradesh B. Tamil Nadu

C. Kerala D. Maharashtra

45. निम्नलिखित में से कौन सा एक पानी में घुलनशील विटामिन है?

Which of the following is a water soluble vitamin ?

- A. विटामिन/ Vitamin A B.) विटामिन/Vitamin B C. विटामिन/ Vitamin E D. विटामिन/Vitamin C

46. "खासी हिल्स" स्थित हैं

"Khasi Hills" are located at

- A. वाराणसी/Varanasi B. मेघालय/Meghalaya C. आसाम/ Assam D. अरुणाचल प्रदेश/Arunachal Pradesh

47. निम्नलिखित में से किस जानवर में काली पट्टी आंखों के भीतरी कोनों से मुंह तक फैली हुई होती है?

In which of the following animal the distant black stripe extend from the inner corners of the eyes to the mouth is present ?

- A. पैंथर/ panther B. लियोपार्ड/Leopard

- C. टाइगर/ Tiger D. चीता/Cheetah

48. निम्नलिखित में से कौन सी जनजाति अंडमान और निकोबार द्वीप समूह से संबंधित है?

Which of the following tribes belong to Andaman and Nicobar Islands ?

- A. कोटे/ Kote B. संताल/Santhal

- C. सेंटिनिलीस/Sentinelese D. टोडास/Todas

49. Which of the following Indian states do not share its boundary with China ?

- A. Himachal Pradesh B. Sikkim

- C. Assam D. Arunachal Pradesh

50. टीकाकरण का आविष्कार किसके द्वारा गया ?

Vaccination is invented by

- A. अलक्ज़ेंडर फ्लेमिंग/Alexander Fleming B. फिलिप ड्रिंकर/Phillip Drinker

- C. एडवर्ड जीनर/Edward Jenner D. रॉबर्ट कोच/Robert Koch

51. मानव शरीर की सबसे बड़ी रक्त वाहिका (धमनी) कौन सी है?

Which is the largest blood vessel (Artery) in human body ?

- A. कशेरुक धमनी/Vertebral Artery B. फुफ्फुस धमनी/Pulmonary Artery

- C. आंतरिक कैरोटिड /Internal carotid Artery D. महाधमनी/Aorta

52. गीता फोगाट निम्नलिखित में से किस खेल से सम्बंधित है?

Geeta phogat is related to which of the following sport ?

- A. टेनिस/ Tennis B. बैडमिंटन/Badminton C. क्रिकेट/Cricket D. कुश्ती/Wrestling

53. राज्य सभा का सदस्य बनने के लिए आवश्यक न्यूनतम आयु है

The minimum age required to become a member of Rajya sabha is

- A. 18 वर्ष/years B. 21 वर्ष/years C. 25 वर्ष/years D. 30 वर्ष/years

54. भारत में किस फसल को 'व्हाइट गोल्ड' के नाम से जाना जाता है?

Which crop is known as 'White Gold' in India ?

- A. चावल/Rice B. गेहूं/ Wheat
C. रुई/cotton D. रबर/ Rubber

55. इनमें से किस नदी पर हीराकुंड बांध बनाया गया था?

On which of these rivers was the Hirakud Dam built ?

- A. महानदी/Mahanadi B. गोदावरी/ Godavari
C. कावेरी/Kaveri D. गंगा/ Ganga

56. निम्नलिखित में से किसने महात्मा गांधी को राष्ट्रपिता का नाम दिया था?

Who among the following referred Mahatma Gandhi as Father of Nation ?

- A. सुभाष चंद्र बोस/Subhash chandra Bose B. सरदार वल्लभ भाई पटेल/SardarVallabh Bhai patel
C. जवाहर लाल नेहरू/Jawahar Lal Nehru D. रवींद्र नाथ टैगोर/ Rabindranath Tagore

57. टीपू सुल्तान शासक था

Tipu Sultan was the ruler of

- A. हैदराबाद/Hyderabad B. मदुरै/ Madurai C. विजयनगर/ Vijayanagar D. मैसूर/Mysore

58. को वॉयस बॉक्स कहा जाता है

The voice box is called

- A. पेट/Stomach B. दिल/Heart C. स्वरयंत्र/ Larynx D. मुंह Mouth

59. निम्नलिखित तत्वों में से असंगत को चुनिए

Pick the odd one from the following elements

- A. सोना/Gold B. पोटैसियम/Potassium C. कार्बन/Carbon D. प्लेटिनम/ Platinum

60. सेल की नियंत्रण इकाई है

The control unit of cell is

- A. न्यूक्लियस/Nucleus B. सेल वॉल/Cell wall
C. साइटोप्लाज़म/cytoplasm D. उपरोक्त में सभी/All of these

61. निम्नलिखित में से किस नेता को भारत रत्न से सम्मानित नहीं किया गया था?

Which of the following leader is was not conferred with Bharat Ratna ?

- A. सी.वी. रामन/C V Raman B. एम.एस. सुब्बलक्ष्मी/M S Subbulakshmi
C. लता मंगेशकर/ Lataqw Mangeshkar D. रवींद्रनाथ टैगोर/Rabindranath Tagore

62. एलीफैंटा गुफाएं कहाँ स्थित हैं?

Where is Elephanta Caves located ?

- A. मध्य प्रदेश/ Madhya Pradesh B. तमिलनाडु/Tamil Nadu C. केरला/Kerala D. महाराष्ट्र/Maharashtra

63. ऊर्जा का सबसे प्रचुर स्रोत है

The most abundant source of energy is

- A. सौर/Solar B. तेल/Oil C. कोल/Coal D. बायोमास/Biomass

64. निम्नलिखित में से कौन सा जानवर हमारे राष्ट्रीय प्रतीक में नहीं है?

Which of the following animal is not there in Our National Emblem's?

- A. हाथी/Elephant B. घोड़ा/Horse C. बैल/Bull D. टाइगर/Tiger

65. --- की जांच के लिए अंग्रेजों द्वारा हंटर आयोग नियुक्त किया गया था

The Hunter commission was appointed by the British to probe the

- A. चौरी-चौरा कांड/Chauri-Chauraincident B. जलिया वाला बाग त्रासदी/Jallian Wala Bagh tragedy

- C. खिलाफल आंदोलन/Khilafat Movement D. असहयोग आंदोलन/Non co-operation Movement

66. भारत में एक ऐसा स्थान जहाँ वार्षिक वर्षा होती है, 50 सेंटीमीटर से कम वर्षा होती है।

A place in India which receives annual Rain fall less than 50CM IS

- A. कश्मीर का लेह/Leh in Kashmir B. कोंकम कोस्ट/Konkamcoast

- C. कोरोमंडल कोस्ट/Coromandal coast D. मेघालय/Meghalaya

67. निम्नलिखित में से कौन सा तमिलनाडु का राज्य पशु है?

Which of the following is the state animal of Tamilnadu ?

- A. नीलगिरि थार/Nilgiri Thar B. हिरन/Deer C. सांबर हिरन/Sambar Deer D. ब्लैकबक/ Blackbuck

अंग्रेज़ी /ENGLISH

नीचे दिए संबंधित प्रश्नों के लिए सही विकल्प चुनते हुए रिक्त स्थान भरकर नीचे दिए गए पैराग्राफ को पूरा करें Complete the paragraph given below by filling in the blanks choosing the correct option from those that follow with corresponding Q.No.

The -----(1) of Bengal tigers left in the world has----(2)from 100,000 to 4,000 over the last century. The main threats are shift of habitat, poaching and the trade in tiger parts ----(3)--Eastern medicines. Most Bengal tigers live in protected areas of India. Anti-poaching task-forces have been ---(4)--and there is also a trade ---(5) --- on tiger products in many countries, as a measure to save this rare species.

68. Form B.kind C. various D. number 69A.. limited B. shrunk C.
abolished D. eliminated 70.A. Of B. for C. in D. even

- 71A.. Deployed B. swept C. let up D. kept

72. A.. Agreement B. contract C.banD.link

निर्देश: सही पर्यायवाची शब्द चुनिए

163

Directions: Choose the correct synonym

73. chaos

- A. Order B. Legal c. Control D. confuse

74. Obsolete

- A. New B. out of date C. Toxic D. sample

75. Opaque

- A. Transparent B. penetrate C. obscure D. Allow

76. Trivial

- A. Significant B. Insignificant C. Important D. Cautious

77. Fostering

- A. Abolishing B. Neglecting C. Ignoring D. nurturing

78. Cease

- A. Begin B. stop C. create D. Dull

79. Valour

- A. Cowardice B. Wise C. courage D. Beautiful

80. Candid

- A. Weak B. Frank C. confuse D. inform

81. Juvenile

- A. Young B. Influential C. suppress D. Drunk

सही विलोम चुनिए / Choose the correct Antonym

82. Triumph—

- A. Win B. celebrate C. enjoy D. defeat

83. Vulnerable —

- A. unsafe B. insecure C. endangered D. protect

84. Boycott —

- A. disapprove B. Prevent C. Abstain D. patronize

85. Rejuvenation —

- A. perfect B. killing C. magical D. Innovation

86. Roughly —

- A. Exactly B. unevenly C. coarsely D. largely

87. Moist —

- A. parched B. Dry C. Hard D. Crisp

88. Persistent-

A. Wavering B. obstinate C. enduring D. steady

89. Stringent-

A. Magnanimous B. Lenient C. Vehement D. General

90. Ambiguous

A. Auxiliary B. Responsible C. Salvageable D. clear

प्र.सं. 91 से 100 के लिए व्याकरणिक रूप से सही विकल्प चुनिए

Choose the correct option grammatically for Q.No's 91 to 100

91. We should inform ----- of them

A. Many B. no C. all D. every

92. Look at all those black clouds! It ---- today

A. Is raining B. rains C. is going to rain D. will be rain

93. Somu died ----- a noble cause

A. At B. in C. for D. of

94. She's married ----- an American man.

A. With B. for C. to D. on

95. ----- he is very rich, he lives a very simple life.

A. After B. While C. As D. Although

96. We waited ----- the plane took off.

A. As soon as B. when C. as D. until

97. I think you should apologize when you ----- her

A. See B. saw C. will see D. have seen

98. His marks in English ----- below average this year.

A. Has been B. was being C. is being D. have been

99. Lots of trees ----- blown down by the wind.

A. Were B. has C. did D. is

100. Take ----- bags in to the kitchen

A. These B. this C. that D. it

**Suitability test against NTPC & Skilled Artisans (Matriculation Standard) for
appointment under Compassionate Ground**

DOE: 29.03.2022

Duration : 2 Hours

Marks : 100

INSTRUCTIONS TO CANDIDATES

Please read all the instructions care fully before making any entry in the answer sheets

1	Check that the question paper contains 100questions and if any unprinted /torn pages are found. Get it replaced.
2	There will be 100questions with FOUR multiple choice answers in capital letters only as A/B/C/D and not in lower case uniformly and answers written in capital letter will only be evaluated.
3	Each question carries one mark.
4	Candidate should write their name and roll number <u>ONLY</u> in the space provided int the fly leaf and not in any of the page int eh answer booklet.
5	Any names/ roll number, if found in the answer booklet or additional answer booklet, such papers will not be evaluated and will be disqualified.
6	In the answers, correction of any type Eg: cutting / over writing / Erasing/ scoring and re -writing another answer / writing the answer in text form, writing the answers in Lower case etc., is not permitted. Such answers will not be evaluated at all.
7	Candidates are not allowed to keep mobile phones/Electronic gadgets or any other documents / papers within the examination hall.
8	There is no negative mark for wrong answers

Q.No 1 – 30 :General Knowledge

1. Which continent has not a single volcano?
A. Australia B. Antarctica C. Europe D. Africa
2. Tropic of cancer passes through how many Indian states?
A. 8 B. 9 C. 22 D. 5
3. What is the full form of HTML?
A. Hyper Text Multiple Language
B. Hyper text Multimedia Language
C. Hyper Text Markup Language
D. Hyper text Marked Language
4. Which energy is found in Dry Cell?
A. Mechanical B. Electricity C. Chemical D. Electromagnetic
5. Where is the Dudhsagar water fall in India?
A. Goa B. Karnataka C. Gujarat D. Rajasthan
6. How many session or sessions of Parliament are held every year in general?
A. 1 B.2 C.3 D.4
7. Siachen Glacier is in which place of India ?
A. Himachal Pradesh B. Uttar Pradeesh C. Kashmir D. Sikkim
8. Which city is called "Manchester of south India"?
A. Coimbatore B. Madurai C. Bangalore D.Chennai
9. India Opted for a Federal form of government because of
A. Vast territory B. Cultural Integration
C. Linguistic and regional diversity D. administrative convenience
10. Sangam Literature is the literature of which region?
A. Maharastra B. Tamilnadu C.Kerala D. Karnataka
11. What is the largest blood vessel in the body?
A. Alveoli B. Artery C. Aorta D. Vein
12. Cooking vessels have wooden or Bakelite Handles because of
A. the handle must be strong
B. Wood and Bakelite are bas conductors of heat
C. The handle should be attractive

D. None of the Above

- 13. Mary Kom is related to which of the following sport?
A. Archery B. Boxing C. Swimming D. Shooting
- 14. Kaziranga National park is in _____
A. West Bengal B. Assam C. Mizoram D. Tripura
- 15. Bauxite is an ore for the production of _____
A. Zinc B. Silver C. Nickel D. Aluminium
- 16. Tuberculosis is caused by _____
A. Virus B. Bacteria C. Fungus D. Mosquito
- 17. Which of the following are listed under the UNESCO world heritage Site?
A. Ajanta Caves B. Taj mahal C. Nilgiri Mountain railways D. All of the above
- 18. 2024 summer Olympics will be held in
A. Paris B. Beijing C. Tokyo D. Qatar
- 19. Which is the highest Civilian award in India?
A. Padma Bhushan B. Padma Vibhushan C. Bharat Ratna D. Padma Shri
- 20. Which atmospheric layer is closest to the ground?
A. Stratosphere B. Mesosphere C. Troposphere D. Thermosphere
- 21. Which of these gases does not play a part in the green house effect?
A. Carbon dioxide B. Methane C. Water vapor D. Nitrogen
- 22. Deficiency of Vitamin D causes _____
A. Rickets B. Night Blindness C. Goitre D. None of the above
- 23. In which of the following media does the sound travel fastest?
A. Gases B. Vacuum C. Liquids D. Solid
- 24. Under which tax policy, one nation one uniform tax was implemented?
A. Value added tax B. Goods and service Tax C. Sales Tax D. All of the above
- 25. Screw guage is a device used to measure
A. Temperature B. Diameter C. Voltage D. Power
- 26. Which of the following is not a fundamental right?
A. Right to freedom of religion B. Right to Equality
C. Right to freedom D. Right to Property

27. The control unit of cell is
 A. Nucleus B. Cell Wall C. Cytoplasm D. All of the above
28. Which is the Brightest planet in the solar system?
 A. Mercury B. Venus C. Earth D. Saturn
29. The absorption of ink by blotting paper involves:
 A. Viscosity of ink B. Capillary action Phenomenon
 C. Diffusion of ink through blotting D. Siphon action
30. The hearing range of human ear is
 A. 20Hz to 20,000hz B. less than 20Hz C. More than 20,000Hz D. -20Hz to 0Hz

Q. 31 – 70: General Mathematics

31. What are the three positive numbers that give the same result when multiplies and added together?
 A. 4,5,6 B. 1,2,3 C. 0,1,2 D. 2,3,4
32. Common ratio of GP 3,9,27_____ is
 A. 4 B. 3 C. 27 D. 9
33. Arun has equal number of one rupee, Five rupee and 10 rupee notes with him. If he had 320 rupees with him, what will be the number of each rupee notes?
 A. 20 B. 10 C. 50 D. 30
34. Find the solution of quadratic equation $X^2 = 36$
 A. 6 B. -6 C. 36 D. 6 and -6
35. A new company is formed by Paul and Jane. The total investment by them is AED Rs 6000 is known that Paul's investment is twice as much as Jane's. What is Jane's investment in AED?
 A. 20,000 B. 30,000 C. 40,000 D. 15,0000
36. $(\sqrt{9}-2)(\sqrt{9}+2)= ?$
 A. 5 B. 1 C. $2\sqrt{9}$ D. 4
37. A speed of 14metres per second is the same as
 A. 28 KMPH B. 46.6 KMPH C. 50.4 KMPH D. 70 KMPH
38. A Mothers is twice as old as her son. If 20 Years ago, the age of the mother was 10 times the age of the som, what is the present age of the mother?
 A. 38 Years B. 40 years C. 43 years D. 45 Years

39. A running man crosses a bridge of length 500 meters in 4 minutes. At what speed he is running?
A. 8.5km/s B. 8.5 km/s C. 9.5Km/s D. 6.5 Km/s
40. What is the area of triangle with base 5 meters and height 10 meters?
A. 20 square meters B. 35 Square Meters
C. 25 Square Meters D. 40 Square Meters
41. A:B:C is in the ratio of 3:2:5. How much money will C get out of 1260?
A. 252 B. 125 C. 503 D. None of these
42. $0.05 * 0.01 * 5 = \underline{\hspace{2cm}}$?
A. 0.025 B. 0.25 C. 0.0025 D. 0.00025
43. Kumar purchased a doll for Rs 1000 and sold the same to his friend for a price of Rs.850. What is Kumar's Profit/Loss?
A. Rs 150 Loss B. Rs100 Loss C. Rs 100 profit D. Rs 150 profit
44. LCM of 88 and 220 is?
A. 220 B. 1100. C. 880 D. 440.
45. Find the value of X? $35:98::X:140$
A. 50 B. 55 C. 60 D. 65
46. How much time will it take for an amount of Rs.450 to yield Rs 81 as interest at 4.5% per annum of simple interest?
A. 3 years B. 3.5 Years C. 4.5 years D. 4 years
47. A class consists of 20 Boys and 10 girls. Average weight of Boys is 44Kg. Average weight of girls is 38. What is the overall average of the whole calss?
A. 39kg B. 43 Kg C.41 Kg D.42 Kg
48. The circumference of a circular jogging track is 220m. What is the area of the track?
A. 3800 Sq.mt B. 3850 Sq.mt C.3900 Sq.mt D.3950 Sq.mt
49. A man is 24 Years older to his son. In two years, his age will be twice the age of his son. The present age of his son is _____ years?
A. 22 B. 20 C.18 D.14
50. $(51+52+53+\dots+100)$ is equal to _____?
A. 5050 B. 1275 C.3775 D. 3575
51. In a examination, a student scores 4 marks for every correct answer and loses 1 mark for every wrong answer. If he attempts all 60 questions and secures 130 marks, the no of questions he attempted correctly is _____?

- A. 35 B. 38 C.40 D.42
52. What should be added to $-\frac{7}{3}$ to get $\frac{3}{7}$?
 A. $\frac{21}{58}$ B. $\frac{58}{21}$ C. $\frac{47}{21}$ D. $\frac{50}{21}$
53. $2^2 \times 2^3 \times 2^4$ is equal to _____
 A. 2^{24} B. 2^{-5} C. 2^9 D. 2^{-9}
54. The sum of the probabilities of all events of a trail is _____
 A. 1 B. 2 C. less than 1 D.0
55. The ratio of 10m to 10KM is _____
 A. $\frac{1}{10}$ B. $\frac{1}{100}$ C. $\frac{1}{1000}$ D.1000
56. If 12 workers can build a wall in 50 hours, how many workers will be required to do the same work in 40 hours?
 A. 10 B.13 C.14 D.15
57. If marked price of a box is ₹20 and a discount of 10% is allowed then what is the sale price?
 A. ₹10 B. ₹18 C. ₹22 D. None of the above
58. Find the odd one out: 53, 59,62,67,71,73,79
 A. 62 B. 53 C.71 D. None of the above
59. Two students P and Q appeared for an exam. P scored 22 marks more than Q and marks of P is 55% of sum of their marks. The marks obtained by P and Q are _____ respectively.
 A.121.99 B. 43.21 C. 58.36 D. 86.64
60. Find the value of X:
 $(2^3 \times 3^4 \times 1) / 1 = 6^X$
 A. 4 B. 6 C.8 D.2
61. A garden has 6000 plants. 6% of the plants are of Mango & 3% of the plants are of Apple. What is the total number of other plants?
 A. 5460 B. 5640 C. 5464 D. 5660
62. In certain code language, COWARD is coded as 4-16-24-2-19-5. How will 'VERTIGO' be coded in that language?
 A. 23-6-19-21-10-8-16 B. 24-6-19-21-11-9-15
 C. 24-6-19-21-10-8-16 D. 23-7-19-20-10-8-14
63. If a driver drives car at 15m/s, then how much distance is covered by him in 3 hour and 20 minutes?

- A. 200 Km B. 165Km C. 150Km D. 180Km

64. The circumference of two circles is of ratio 2:3. What is the ratio of both areas?

- A. 2:3 B. 3:2 C. 4:9 D. 9:4

65. Which is the smallest of the following numbers?

- A. $\sqrt{25}$ B. $5/\sqrt{2}$ C. $(\sqrt{2})/5$ D. $1/\sqrt{2}$

66. Two numbers are 156 and 120 their LCM is 1560. HCF is

- A. 26 B. 12 C. 28 D. 29

67. What kind of number is 37?

- A. odd B. prime C. Both A and B D. none of these

68. Find the mode of the given data : 13,14,16,12,14,19,12,14,13,14,17

- A. 16 B. 14 C. 12 D. 17

69. The population of town is 10000. Out of these 5400 persons read newspaper A and 4700 read newspaper B. 1500 persons read both the newspapers Find the number of persons who do not read either of the two papers?

- A. 0 B. 1000 C. 1200 D. 1400

70. The sum of all interior angles of parallelogram is

- A. 90 B. 180 C. 270 D. 360

Q 71- 100 General English

Synonyms Q.no 71 to 75

71. Unaware

- A. Famous B. Familiar C. Negligent D. ignorant

72. Distant

- A. High B. Separate C. Remove D. Far

73. Trivial

- A. Significant B. Insignificant C. Important D. Cautious

74. Synopsis

- A. index B. Mixture C. Puzzle D. Summary

75. Contagious

- A. Arrogant B. Disrespectful C. Sarcastic D. Infectious

Antonyms Q.no 76 to 80

76. Abiding
A. Permanent B. Existing C. passing D. Running
77. Fresh
A. Stale B. Faulty C. Noisy D. Sluggish
78. Prohibit
A. Failure B. Achieve C. Allow D. Outlaw
79. Persistent
A. Wavering B. Obstinate C. Enduring D. Steady
80. Permit
A. Allow B. Enclose C. Prohibit D. Persuade

Choose the correct option Q.no 81 to 95

81. Italy is _____ European Country
A. a B. an C. the D. No article
82. The king died _____
A. Hare less B. Heirless C. Hairless D. airless
83. Tom found the silver coin _____ the floor
A. as he cleans B. as he cleaned C. as he is cleaning D. while cleaning
84. India works for _____ in the world
A. Fight B. Piece C. Peace D. enemy
85. He has access _____ all rooms Of the hotel
A. of B. by C. With D. to
86. His house is _____ the way from Delhi to Chandigarh
A. by B. in C. at D. on
87. This blazer comes _____ three different sizes
A. Of B. with C. at D. in
88. His life _____ if he had worn safety helmet
A. Would be saved B. might have saved
C. Could have been saved D. may be saved

89. It was so noisy that we _____ hear ourselves speak.
A. won't B. cannot C. must not D. couldn't

90. One million cars _____ next year
A. Will be produced
B. were produced
C. produced
D. Will produce

91. You are prepared _____ the test
A. To B. With C. for D. at

92. Neither you nor your sister should _____ to them
A. talk B. Talks C. talked D. talking

93. Choose the correctly spelled word.
A. monotonuous B. Monotonous C. Monotonauos D. Monatonuous

94. My teacher had to _____ whole thing from the beginning.
A. explain B. Explained C. have been explain D. explaining

95. Don't stand _____ a tree when there is a lightening
A. by B. under C. below D. over

Q.no 96 to 100: Complete the paragraph given below by filling in the blanks choosing the correct option from those that follow with corresponding Q.No

Eating(96).....skipping breakfast makes a huge difference. Our grandparents have always said that one(97).... Have breakfast like a king. Doctors and nutritionists say that skipping breakfast can result(98)..... radical health issues like weight gain or loss. Skipping breakfast also.....(99)..... sudden rise in BP. A protein-rich breakfast(100).... Best for growing children

96. A. and B. but C. either D. for

97. A. must B. would C. may D. might

98. A. from B. into C. by D. of

99. A. begin B. into C. by the way D. leads to

100. A. is B will C. can D. were

Q.No 1 – 30 : सामान्य ज्ञान

1. किस महाद्वीप में एक भी ज्वालामुखी नहीं है?
A. ऑस्ट्रेलिया B. अंटार्कटिका C. यूरोप D. अफ्रीका
2. कर्क रेखा कितने भारतीय राज्यों से होकर गुजरती है?
A. 8 B. 9 C. 22 D. 5
3. HTML का पूर्ण रूप क्या है?
A. Hyper Text Multiple Language
B. Hyper text Multimedia Language
C. Hyper Text Markup Language
D. Hyper text Marked Language
4. ड्राई सेल में कौन सी ऊर्जा पाई जाती है?
A. यांत्रिक B. बिजली C. रासायनिक D. इलेक्ट्रोमैग्नेटिक
5. भारत में दूधसागर जल प्रपात कहाँ है?
A. गोवा B. कर्नाटक C. गुजरात D. राजस्थान
6. सामान्य रूप से हर साल संसद के कितने सत्र या सत्रों आयोजित किए जाते हैं?
A. 1 B. 2 C. 3 D. 4
7. सियाचिन ग्लेशियर भारत के किस स्थान पर है?
A. हिमाचल प्रदेश B. उत्तर प्रदेश C. कश्मीर D. सिक्किम
8. किस शहर को "दक्षिण भारत का मैनचेस्टर" कहा जाता है?
A. कोयम्बटूर B. मदुरै C. बंगलोर D. चेन्नै
9. भारत ने सरकार के संघीय स्वरूप को चुना क्योंकि
A. विशाल राज्य B. सांस्कृतिक एकता
C. भाषाई और क्षेत्रीय विविधता D. प्रशासनिक सुविधा
10. संगम साहित्य किस राज्य का साहित्य है?
A. महाराष्ट्र B. तमिलनाडु C. केरल D. कर्नाटक
11. शरीर में सबसे बड़ी रक्त वाहिका क्या है?
A. एल्वियोली B. धमनी C. महाधमनी D. शिरा

**अनुकंपा के आधार पर नियुक्ति के लिए एनटीपीसी व कुशल आर्टिजन (मैट्रिक मानक) के लिए
उपयुक्तता परीक्षा के लिए प्रश्न पत्र।**

**QUESTION PAPER FOR SUITABILITY TEST AGAINST NTPC & SKILLED ARTIZAN (MATRICULATION
STANDARD) FOR APPOINTMENT UNDER COMPASSIONATE GROUND.**

परिक्षा की तारीख/Date of Exam : 25.02.2022

अवधि /Duration : दो घंटा / TWO hours

कुल अंक/Total Marks : 100 अंक/marks

उम्मीदवारों को निर्देश

INSTRUCTIONS TO THE CANDIDATES

उत्तर पुस्तिका में कोई भी प्रविष्टि करने से पहले सभी निर्देशों को ध्यान से पढ़ें

Please read all the instructions carefully before making any entry in the answer sheet

1. जांच ले कि प्रश्न पत्र में 100 प्रश्न हैं और यदि कोई अनप्रिंटेड/फटे पृष्ठ पाए जाते हैं, तो उसे प्रतिस्थापित करें।
Check that the question paper contains 100 questions and if any unprinted / torn pages is found, get it replaced.
2. उत्तरपुस्तिका में चार बहुविकल्पीय उत्तरों के साथ 100 प्रश्न, केवल बड़े अक्षर में A/B/C/D के रूप में हैं, न कि छोटे अक्षर में और उत्तरपुस्तिका में केवल बड़े अक्षर में लिखे गए उत्तरों का ही मूल्यांकन किया जाएगा।
There will be 100 questions with FOUR multiple choice answers in capital letters only as A/B/C/D and not in lower case uniformly and answers written in capital letter will only be evaluated.
3. प्रत्येक प्रश्न के लिए एक अंक है।
Each questions carry one mark.
4. उम्मीदवार अपना नाम और रोल नंबर केवल फ्लाई लीफ में दिए गए स्थान पर ही लिखें न कि उत्तर पुस्तिका के किसी अन्य पृष्ठ पर।
Candidates should write their name and roll number **ONLY** in the space provided in the fly leaf and not in any of the page in the answer booklet.
5. यदि उत्तर पुस्तिका या अतिरिक्त उत्तर पुस्तिका कोई भी नाम/रोल नंबर, पाया जाता है तो ऐसे पुस्तिकाओं का मूल्यांकन नहीं किया जाएगा और उन्हें अयोग्य घोषित कर दिया जाएगा।
Any names/roll numbers, if found in the answer booklet or additional answer booklet, such papers will not be evaluated and will be disqualified.
6. उत्तरों में, किसी भी प्रकार के सुधार जैसे कटिंग/ओवरराइटिंग/मिटा/स्कोरिंग/संशोधित करना और टेक्स्ट फॉर्म में उत्तर लिखना, छोटे अक्षर में उत्तर लिखना आदि की अनुमति नहीं है। ऐसे उत्तरों का मूल्यांकन बिल्कुल भी नहीं किया जाएगा।
In the answers, correction of any type e.g. cutting/overwriting/erasing/scoring/modifying and re-writing another answer/writing the answer in text form, writing the answers in Lower case, etc., is not permitted. Such answers will not be evaluated at all.
7. उम्मीदवारों को परीक्षा हॉल के भीतर मोबाइल फोन/इलेक्ट्रॉनिक गैजेट्स या किसी अन्य दस्तावेज/कागजात रखने की अनुमति नहीं है।
Candidates are not allowed to keep mobile phones/Electronic gadgets or any other documents/papers within the examination hall.

8. गलत उत्तर के लिए कोई नकारात्मक अंक नहीं है।

There is no negative mark for wrong answers.

सामान्य ज्ञान /GENERAL KNOWLEDGE: [प्र.सं./Q. No. 1 से/to प्र.Q. 40]

1.	भारत की सबसे बड़ी झील कौन सी है? Which is the largest lake in India?	
	A. वुलर झील /Wular lake	B. मानसबल झील /Manasbal lake
	C. चिल्का झील/Chillika lake	D. शाकम्भरी झील /Shakambari Jheel
2.	भारत में पहली भूमिगत ट्रेन कब और कहां शुरू होती है? When and Where the first underground train in India start?	
	A. 1 अक्टूबर, 1980 कलकत्ता में October 1, 1980 in Calcutta	B. 12 अक्टूबर, 1984 कलकत्ता में October 12, 1984 in Calcutta
	C. 21 अक्टूबर, 1984 को कलकत्ता में October 21, 1984 in Calcutta	D. कोई नहीं /None
3.	रॉकेट..... के सिद्धांत पर कार्य करता है।/ Rocket works on the principle of _____	
	A. ऊर्जा संरक्षण /Energy conservation	B. बरनौल प्रमेय /Bernoulli Theorem
	C. एवोगाड्रो परिकल्पना/ Avogadro Hypothesis	D. गति की सुरक्षा /Protection of Momentum
4.	सियाचिन ग्लेशियर भारत के किस स्थान पर है। Siachen Glacier is in which place of India.	
	A. हिमाचल प्रदेश Himachal Pradesh	B. उत्तर प्रदेश Uttar Pradesh
	C. कश्मीर Kashmir	D. सिक्किम Sikkim
5.	निम्नलिखित में से कौन सा देश संयुक्त राष्ट्र सुरक्षा परिषद का स्थायी सदस्य नहीं है? Which of the following countries is not a Permanent member of the UN Security Council?	
	A. रूस Russia	B. जर्मनी Germany
	C. संयुक्त राज्य अमेरिका USA	D. इंग्लैंड England
6.	केंद्र सरकार ने बीमा में अपनी FDI सीमा को 49% से बढ़ाकर कितने प्रतिशत कर दिया है? Central Government has increased its FDI limit in Insurance from 49% to what percentage?	
	A. 54%	B. 70%
	C. 64%	D. 74%
7.	मैरी कॉम निम्नलिखित में से किस खेल से संबंधित है? Mary Kom is related to which of the following sports?	
	A. तीर अंदाजी Archery	B. बॉक्सिंग Boxing
	C. स्विमिंग Swimming	D. शूटिंग Shooting

8.	निम्नलिखित में से कौन लोकसभा का वर्तमान अध्यक्ष हैं? Who among the following is the current speaker of the Lok Sabha?	A. ओम बिरला Om Birla	B. सुमित्रा महाजन Sumitra Mahajan
		C. मीरा कुमार Meira Kumar	D. पी.एस. संगमा P.S. Sangma
9.	बॉक्साइट __ के उत्पादन के लिए एक अयस्क है Bauxite is an ore for the production of _____	A. जस्ता Zinc	B. चाँदी Silver
		C. निकल Nickel	D. एल्युमिनियम Aluminium
10.	निम्नलिखित में से कौन सा शब्द भारत के संविधान की प्रस्तावना में नहीं है? Which of the following words does not appear in the preamble to the Constitution of India?	A. स्वतंत्रता Freedom	B. न्याय Justice
		C. अखंडता Integrity	D. अखंडता Equality
11.	निम्नलिखित में से कौन सी किताब डॉ.एपीजे अब्दुल कलाम द्वारा नहीं लिखा गया है Which of the following is not written by Dr.A.P.J.Abdul Kalam	A. विंग्स ऑफ फायर Wings of fire	B. इंडिया 2020 India 2020
		C. इंडिया ऑफ माई ड्रीम India of my dreams	D. टर्निंग प्वाइंट Turning point
12.	निम्नलिखित में से कौन सा देश भारत के साथ भूमि सीमा साझा नहीं करता है? Which of the following countries does not share a land border with India?	A. ईरान Iran	B. भूटान Bhutan
		C. चीन China	D. म्यांमार Myanmar
13.	निम्नलिखित में से कौन सी गैस, ग्रीन हाउस प्रभाव में भूमिका नहीं निभाती है? Which of the following gases does not play a part in the Green House Effect?	A. कार्बन-डाइ-ऑक्साइड Carbon-di-oxide	B. मीथेन Methane
		C. जलवाष्प Water Vapour	D. नाइट्रोजन Nitrogen
14.	श्वेत क्रांति का जनक कौन है? Who is the father of the white revolution?	A. एम.एस.स्वामीनाथन M.S.Swaminathan	B. वर्गीज कुरियान Verghese Qurien
		C. जगदीश चंद्र बोस Jagadish Chandra Bose	D. राजा रमन्ना Raja Ramanna
15.	निम्नलिखित में से किस प्रक्रिया में ऑक्सीजन हवा में छोड़ा जाता है? In which of the following processes is oxygen released into the air?	A. प्रकाश-संश्लेषण Photosynthesis	B. श्वसन Respiration
		C. प्रसवेदन Transpiration	D. उत्सर्जन Excretion

16.	निम्नलिखित में से किस अधिकार को डॉ.बी.आर.अम्बेडकर द्वारा संविधान के दिल और आत्मा के रूप में वर्णित किया गया था? Which one of the followings rights was described by Dr.B.R.Ambedkar as the heart and soul of the Constitution?	A. धर्म की स्वतंत्रता का अधिकार Right to Freedom of Religion	B. समानता का अधिकार Right to Equality
		C. संवैधानिक उपचार का अधिकार Right to Constitutional Remedies	D. संपत्ति का अधिकार Right to Property
17.	पाल्क जलडमरूमध्य और मन्नार की खाड़ी भारत को __ से अलग करती है The Palk Strait and Gulf of Mannar separates India from _____	A. गोवा Goa	B. पश्चिम बंगाल West Bengal
		C. श्रीलंका Sri Lanka	D. मालदीव Maldives
18.	मई 2021 के दौरान यास नामक गंभीर चक्रवात ने किस भारतीय राज्य के पास लैंडफॉल किया? Severe Cyclone named Yaas, made landfall during May 2021 near which of the Indian State?	A. ओडिशा Odisha	B. तमिलनाडु Tamil Nadu
		C. केरल Kerala	D. गोवा Goa
19.	कागज के द्वारा स्याही का अवशोषण ____ से संबंधित है The absorption of ink by blotting paper involves _____	A. स्याही की चिपचिपाहट Viscosity of ink	B. केशिका क्रिया घटना Capillary action phenomenon
		C. ब्लोटिंग के माध्यम से स्याही का प्रसार Diffusion of ink through the blotting	D. साइफन क्रिया Siphon action
20.	गाडर्न सेंट्रल टर्मिनल, पार्क एवेन्यू, न्यू-यार्क विश्व के..... है Grand Central Terminal, Park Avenue, New York is the world's _____	A. सबसे बड़ा रेलवे स्टेशन Largest Railway station	B. सबसे ऊँचा रेलवे स्टेशन Highest Railway station
		C. सबसे लंबा रेलवे स्टेशन Longest Railway station	D. उपर्युक्त में से कोई भी नहीं None of the above
21.	भारत में किस रेलगाड़ी की मार्ग की लंबाई सबसे लंबी है? Which train in India has the longest route length?	A. हिमगिरी एक्सप्रेस Himgiri Express	B. हिमसागर एक्सप्रेस Himsagar Express
		C. विवेक एक्सप्रेस Vivek Express	D. गुवाहाटी तिरुवनंतपुरम एक्सप्रेस Guwahati Tiruvananthapuram Express

22.	किस कर नीति के तहत, एक राष्ट्र 'एक समान कर' लागू किया गया था? Under which tax policy, one nation one uniform tax was implemented?	A. मूल्य वर्धित कर Value added Tax	B. माल और सेवा कर Goods and Service Tax
		C. बिक्री कर Sales Tax	D. उपरोक्त सभी All the above
23.	स्वेज नहर निम्नलिखित में से किसे जोड़ती है? The Suez Canal connects which of the following ?	A. लाल और कैस्पियन सागर Red and Caspian Sea	B. बाल्टिक और कैस्पियन सागर Baltic and Caspian Sea
		C. भूमध्य सागर और लाल सागर Mediterranean and Red Sea	D. लाल और काला सागर Red and Black Sea
24.	ग्रेफाइट ___ का क्रिस्टलीय रूप है Graphite is Crystalline form of _____	A. चूना Calcium	B. मैग्नेशियम Magnesium
		C. कोबाल्ट Cobalt	D. कार्बन Carbon
25.	निम्नलिखित में से कौन सा विटामिन मछली / अंडे / हरी सब्जियों में अधिक मात्रा में उपलब्ध है? Which of the following vitamins is available in more quantity in Fish/Eggs/Green Vegetables?	A. विटामिन Vitamin A	B. विटामिन Vitamin D
		C. विटामिन Vitamin E	D. विटामिन Vitamin C
26.	पीली क्रांति __ के उत्पादन से जुड़ी हुई है Yellow Revolution is associated with the production of _____	A. दूध उत्पाद Milk products	B. फल Fruits
		C. मछली Fish	D. तेल बीज Oil seeds
27.	राज्य (देश) का संवैधानिक प्रमुख कौन होता है? Who is the constitutional head of the state?	A. राज्यपाल The Governor	B. मुख्यमंत्री The Chief Minister
		C. उच्च न्यायालय के मुख्य न्यायाधीश The Chief Justice of High Court	D. राष्ट्रपति The President
28.	निम्नलिखित में से किस नेता को भारत रत्न से सम्मानित नहीं किया गया था Which of the following leaders was not conferred with Bharat Ratna	A. सर सी.वी.रमन Sir C.V.Raman	B. एम.एस.सुब्बुलक्ष्मी M.S.Subbulakshmi
		C. लता मंगेशकर Lata Mangeshkar	D. रवींद्रनाथ टैगोर Rabindranath Tagore

29.	EM स्पेक्ट्रम में निम्नलिखित में से किस विद्युत चुंबकीय तरंगों की आवृत्ति सबसे कम होती है? Which of the following Electro Magnetic waves in the EM Spectrum has the shortest frequency?	A. रेडियो Radio	B. गामा Gama
		C. एक्स-किरणें X-Rays	D. इन्फ्रा रेड Infra Red
30.	लोकप्रिय हिल स्टेशन नैनीताल किस राज्य/केंद्र शासित प्रदेश में स्थित है? The popular hill station Nainital is located in which State/UT?	A. उत्तराखंड Uttarkhand	B. सिक्किम Sikkim
		C. पंजाब Punjab	D. लद्दाख Ladakh
31.	जब दो दर्पणों को एक समकोण पर रखा जाता है तो कितनी छवियां बनती हैं? How many images are formed when two mirrors are placed at a right angle?	A. तीन Three	B. चार Four
		C. पांच Five	D. छः Six
32.	बिम्बेडका गुफाएं किस राज्य में हैं? Bimbedka Caves is in which state?	A. मध्य प्रदेश Madhya Pradesh	B. उत्तर प्रदेश Uttar Pradesh
		C. बिहार Bihar	D. ओडिशा Odisha
33.	श्री हरिकोटा क्या है? What is Shri Harikota?	A. उपग्रह प्रक्षेपण केंद्र Satellite Launch Centre	B. जल विद्युत संयंत्र Hydro Power Plant
		C. थर्मल पावर प्लांट Thermal Power Plant	D. इनमें से कोई नहीं None of these
34.	इंडियन सुपर लीग किस खेल से संबंधित है? Indian Super league is related to which game?	A. हॉकी Hockey	B. फुटबॉल Football
		C. कबड्डी Kabaddi	D. बैडमिंटन Badminton
35.	नेशनल स्टॉक एक्सचेंज का मुख्यालय कहाँ है? Where is headquarters of National Stock Exchange?	A. चेन्नई Chennai	B. दिल्ली Delhi
		C. मुंबई Mumbai	D. बेंगलुरु Bengaluru

36.	पटना के हवाई अड्डे का नाम किसके नाम पर रखा गया है? After whom is the airport in Patna named?	A. लाल बहादुर शास्त्री Lal Bahadur Shastri	B. जयप्रकाश नारायण Jayaprakash Narayan
		C. इंदिरा गांधी Indira Gandhi	D. शिवाजी Shivaji
37.	वायुमंडलीय दबाव को मापने के लिए उपकरण उपयोग किया जाता है This device used to measure atmospheric pressure is _____	A. बैरोमीटर Barometer	B. लैम्बिकमीटर Lambicmeter
		C. स्पॉन्डियामीटर Spondiacmeter	D. अनापेस्टिकमापी Anapesticmeter
38.	चीन के किस शहर में वर्ष 2019 में पहला कोरोना पाया गया? In which city of China was the first Corona found in the year 2019?	A. बेजिंग Beijing	B. शंघाई Shanghai
		C. शिनजियांग Xinjiang	D. वुहान Wuhan
39.	कंप्यूटर नेटवर्क में LAN ___ को संदर्भित करता है LAN in Computer Network refers to _____	A. Limited Area Network	B. Land Area Network
		C. Logic Area Network	D. Local Area Network
40.	इलाहाबाद स्टेशन का नया नाम क्या है? What is the new name of Allahabad station?	A. प्रयागराज जंक्शन Prayagraj Junction	B. प्रयागपुर Prayagpur
		C. प्रयाग गढ़ Prayag Garh	D. इनमें से कोई नहीं None of these

सामान्य विज्ञान /GENERAL SCIENCE: [Q.No. 41 to Q.50]

41.	वायुमंडल में नाइट्रोजन का प्रतिशत कितना होता है? What is the percentage of nitrogen in the atmosphere?	A. 30%	B. 80%
		C. 78%	D. 50%
42.	शहरों में तालाब के पानी को शुद्ध करने के लिए किस गैस का उपयोग किया जाता है? Which gas is used to purify pond water in cities?	A. सल्फर-डाइ-ऑक्साइड Sulphur-di-oxide	B. क्लोरीन Chlorine
		C. नाइट्रोजन Nitrogen	D. अमोनिया Ammonia

43.एल्यूमीनियम का सबसे महत्वपूर्ण अयस्क है The most important ore of Aluminium is _____	
	A. बलेना Balena	B. कैलामाइन Calamine
	C. कैल्साइट Calcite	D. बॉक्साइट Bauxite
44.	शरीर की सबसे बड़ी रक्त वाहिका कौन सी है? Which is the largest blood vessel in the body?	
	A. एल्वियोली Alveoli	B. धमनी Artery
	C. महाधमनी Aorta	D. शिरा Vein
45.	किस धातु का गलनांक सबसे अधिक है? Which metal has the highest melting point?	
	A. ऑस्मियम Osmium	B. टंगस्टन Tungsten
	C. मोलिब्डेनम Molybdenum	D. एल्युमिनियम Aluminium
46.	हड्डियों और दांतों में कौन सा रासायनिक पदार्थ मौजूद होता है एवं इसे क्या कहते हैं? What chemical substance is present in bones and teeth, what is it called?	
	A. कैल्शियम क्लोराइड Calcium Chloride	B. कैल्शियम बोरेट Calcium Borate
	C. कैल्शियम फॉस्फेट Calcium Phosphate	D. कैल्शियम सल्फेट Calcium Sulphate
47. धातु केरोसिन में संग्रहीत होती है The metal which is stored in kerosene is _____	
	A. फास्फोरस Phosphorus	B. मैग्नेशियम Magnesium
	C. पोटैशियम Potassium	D. सोडियम Sodium
48.	सूर्य से पृथ्वी की सतह तक प्रकाश को पहुंचने में लगभग कितना समय लगता है? The amount of time light takes to reach the earth's surface from the Sun is approximately _____	
	A. 2 मिनट minutes	B. 4 मिनट minutes
	C. 8 मिनट minutes	D. 16 मिनट minutes
49.	सेल की नियंत्रण इकाई _____ है The control unit of Cell is _____	
	A. नाभिक Nucleus	B. सेल वाल Cell wall
	C. साइटोप्लाज्म Cytoplasm	D. उपरोक्त सभी All of these
50.	विटामिन डी की कमी के कारण _____ होता है Deficiency of Vitamin D causes _____	
	A. रिकेट्स Rickets	B. रतौंधी Night Blindness
	C. गलगण्ड Goiter	D. उपरोक्त में से कोई भी नहीं None of the above

सामान्य गणित / GENERAL MATHS [प्र./Q.51 से/to Q.70]

51.	एक अरब में कितने शून्य हैं? How many zeros are there in one billion?	A. 9	B. 8
		C. 10	D. 12
52.	वह कौन सी एकमात्र संख्या है जिसे भाजक के रूप में उपयोग नहीं किया जा सकता है? Which is the only number that cannot be used as a divisor?	A. 1	B. 0 [Zero]
		C. -1	D. None
53.	श्याम एक मानचित्र को देख रहा है जहां स्केल 2 किमी = 4.5 सेमी है। यदि मानचित्र पर घर से शहर के केंद्र तक की दूरी का माप 12.06 सेमी है, तो केंद्र से दूरी कितने किलोमीटर है? Shyam is looking at a map where the scale is 2 km = 4.5 cm. If the measure of the distance from the house to the centre of town on the map is 12.06 cm, how many kilometer is the distance from the centre?	A. 2.8	B. 5.6
		C. 6	D. 7.6
54.	लुप्त संख्या ज्ञात कीजिये। 3, 12, 27, 48, 75, 108,....? Find the missing number? 3, 12, 27, 48, 75, 108,....?	A. 147	B. 162
		C. 183	D. 192
55.	यदि शमूएल y मिनट में 9 किमी दौड़ सकता है, तो वह 10 मिनट में कितने किलोमीटर दौड़ सकता है? If Samuel can run 9 Kms in y minutes, how many kilometers can he run in 10 minutes?	A. $90y/10$	B. $90y$
		C. $1/90y$	D. $90/y$
56.	20% of 2 =	A. 20	B. 4
		C. 0.4	D. 0.04
57.	यदि एक वृत्ताकार जॉगिंग ट्रैक का क्षेत्रफल 3850 वर्ग मीटर है, तो उसकी परिधि क्या है? If area of a circular jogging track is 3850 Sq metres, what is the circumference of the Jogging track?	A. 225 मीटर metres	B. 214 मीटर metres
		C. 220 मीटर metres	D. 235 मीटर metres

58.	<p>एक परीक्षा में, एक छात्र प्रत्येक सही उत्तर के लिए 4 अंक प्राप्त करता है, और प्रत्येक गलत उत्तर के लिए एक अंक खो देता है, यदि वह सभी 60 प्रश्नों का प्रयास करता है और 130 अंक प्राप्त करता है, तो उसने प्रश्नों का उत्तर दिया है।</p> <p>In an examination, a student scores 4 marks for every correct answer, and losses one mark for every wrong answer, if he attempts all 60 questions and secures 130 marks, the number of questions he attempts correctly is _____</p>				
	<table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none;">A. 35</td> <td style="width: 50%; border: none;">B. 38</td> </tr> <tr> <td style="border: none;">C. 40</td> <td style="border: none;">D. 42</td> </tr> </table>	A. 35	B. 38	C. 40	D. 42
A. 35	B. 38				
C. 40	D. 42				
59.	<p>'A' एक कार्य को 18 दिनों में पूरा कर सकता है और 'B' उसी कार्य को 15 दिनों में कर सकता है। 'बी' ने 10 दिनों तक काम किया और नौकरी छोड़ दी। शेष पुरे कार्य को 'A' अकेले कितने दिनों में पूरा कर सकता है?</p> <p>'A' can finish a work in 18 days and 'B' can do the same work in 15 days. 'B' worked for 10 days and left the job. In how many days, 'A' alone can finish the remaining work.</p>				
	<table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none;">A. 5</td> <td style="width: 50%; border: none;">B. 5.5</td> </tr> <tr> <td style="border: none;">C. 6</td> <td style="border: none;">D. 8</td> </tr> </table>	A. 5	B. 5.5	C. 6	D. 8
A. 5	B. 5.5				
C. 6	D. 8				
60.	<p>3 संख्याओं का अनुपात 4: 5: 6 हैं और उनका औसत 25 है। सबसे बड़ी संख्या ____ होगी।</p> <p>3 Nos. are in the ration 4:5:6 and their average is 25. The largest number is _____</p>				
	<table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none;">A. 30</td> <td style="width: 50%; border: none;">B. 40</td> </tr> <tr> <td style="border: none;">C. 50</td> <td style="border: none;">D. 60</td> </tr> </table>	A. 30	B. 40	C. 50	D. 60
A. 30	B. 40				
C. 50	D. 60				
61.	<p>$2^2 \times 2^3 \times 2^4 =$</p>				
	<table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none;">A. 2^{24}</td> <td style="width: 50%; border: none;">B. 2^{-5}</td> </tr> <tr> <td style="border: none;">C. 2^9</td> <td style="border: none;">D. 2^{-9}</td> </tr> </table>	A. 2^{24}	B. 2^{-5}	C. 2^9	D. 2^{-9}
A. 2^{24}	B. 2^{-5}				
C. 2^9	D. 2^{-9}				
62.	<p>यदि तीन अंकों की संख्या $24x$, जोकि 9 से विभाज्य है, तो x का मान क्या है?</p> <p>If the three digit number $24x$ is divisible by 9, the value of x is ?</p>				
	<table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none;">A. 3</td> <td style="width: 50%; border: none;">B. 7</td> </tr> <tr> <td style="border: none;">C. 1</td> <td style="border: none;">D. None of the above</td> </tr> </table>	A. 3	B. 7	C. 1	D. None of the above
A. 3	B. 7				
C. 1	D. None of the above				
63.	<p>एक समानांतर चतुर्भुज के सभी आंतरिक कोणों का योग _____ है</p> <p>Sum of all interior angles of a parallelogram is _____</p>				
	<table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none;">A. 180°</td> <td style="width: 50%; border: none;">B. 360°</td> </tr> <tr> <td style="border: none;">C. 540°</td> <td style="border: none;">D. 240°</td> </tr> </table>	A. 180°	B. 360°	C. 540°	D. 240°
A. 180°	B. 360°				
C. 540°	D. 240°				
64.	<p>एक कार को 20% के लाभ पर बेचा गया था। यदि इसे 50,000/- रुपये और अधिक में बेचा गया होता, तो कार पर कुल लाभ कितना होगा ?</p> <p>A car was sold at a Gain of 20%. Had it been sold for Rs.50.000/- more, the gain would have been 25%. What is the cost price of the Car?</p>				
	<table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none;">A. 10,00,000</td> <td style="width: 50%; border: none;">B. 15,00,000</td> </tr> <tr> <td style="border: none;">C. 5,00,000</td> <td style="border: none;">D. 2,50,000</td> </tr> </table>	A. 10,00,000	B. 15,00,000	C. 5,00,000	D. 2,50,000
A. 10,00,000	B. 15,00,000				
C. 5,00,000	D. 2,50,000				

65.	श्रृंखला में आगे क्या होगा : - 3W, 7V, 11U, 15T, _____ What comes next in the given series : - 3W, 7V, 11U, 15T, _____	
	A. 19Z	B. 20P
	C. 19S	D. 22Q
66.	एक परीक्षा में, एक छात्र प्रत्येक सही उत्तर के लिए 1 अंक प्राप्त करता है और प्रत्येक गलत उत्तर के लिए 1/3 अंक खो देता है। यदि वह सभी 100 प्रश्नों का उत्तर देता है और 88 अंक प्राप्त करता है, तो उसने प्रश्नों का उत्तर दिया है। In an examination, a student scores 1 mark for every correct answer and losses 1/3 rd mark for every wrong answer. If he attempts all 100 questions and secures 88 marks, the number of questions he attempts correctly is _____	
	A. 91	B. 90
	C. 92	D. 89
67.	एक बगीचे में 6000 पौधे होते हैं। 6% पौधे आम के हैं और 3% पौधे सेब के हैं। तो अन्य पौधों की कुल संख्या कितनी है ? A garden has 6000 plants. 6% of the plants are of mango and 3% of the plants are of Apple. What is the total number of other plants?	
	A. 5460	B. 5640
	C. 5464	D. 5660
68.	12,500/- रुपये की राशि 4 वर्षों में साधारण ब्याज की दर से 15,500 रुपये हो जाती है। तो ब्याज की दर कितनी होगी ? A sum of Rs.12,500/- amounts to Rs.15,500/- in 4 years @ Simple Interest. What is the rate of interest?	
	A. 9	B. 4
	C. 5	D. 6
69.	10 मीटर से 10 किलोमीटर का अनुपात ___ है The ratio of 10 meters to 10 Kilometer is _____	
	A. 1:10	B. 1:100
	C. 1:1000	D. 1:10000
70.	यदि 2011 में डेविड की आयु 27 वर्ष है, तो 2003 में उसकी आयु क्या थी? If David's age is 27 years old in 2011, what was his age in 2003?	
	A. 17	B. 37
	C. 20	D. 19

सही समानार्थी शब्द का चयन करें/CHOOSE THE CORRECT SYNONYM: [Q.71 to 80]

71.	Consequence			
	A. Conclusion	B. Result	C. Clearance	D. Control

72.	Rescue	A. Retire	B. Save	C. Defend	D. Defense
73.	Diligent	A. Faithful	B. Sincere	C. Honest	D. Hardworking
74.	Reckless	A. Careless	B. Fearless	C. Odourless	D. Tasteless
75.	Opaque	A. Transparent	B. Penetrate	C. Obscure	D. Allow
76.	Chaos	A. Order	B. Legal	C. Control	D. Confuse
77.	Renowned	A. Introvert	B. Extrovert	C. Unknown	D. Famous
78.	Alien	A. Proper	B. Stranger	C. Native	D. Freak
79.	Replica	A. Ride	B. Clone	C. Love	D. Original
80.	Recoils	A. Bounced back	B. Deflates	C. Inflates	D. Diffuse

विलोम शब्द का चयन करें/CHOOSE THE ANTONYM [Q. No. 81 to 90]

81.	Permit	A. Allow	B. Enclose	C. Prohibit	D. Persuade
82.	Curable	A. Remediable	B. Treatable	C. Terminal	D. Operable
83.	Forbid	A. Debarred	B. Illegal	C. Allow	D. Prohibit
84.	Reward	A. Demotion	B. Prize	C. Penalty	D. Incentive
85.	Rejuvenation	A. Perfect	B. killing	C. Magical	D. Innovation
86.	Worthy	A. Earnest	B. Valuable	C. Undeserving	D. Ugly

87.	Feeble	A. Strong	B. Weak	C. Fragile	D. Delicate
88.	Boycott	A. Disapprove	B. Prevent	C. Abstain	D. Patronize
89.	Voluntary	A. Elective	B. Discretionary	C. Optional	D. Compulsory
90.	Flimsy	A. Clean	B. Firm	C. Soft	D. Frail

सामान्य अंग्रेजी/ GENERAL ENGLISH [Q.No.91 to 100]

91.	Italy is _____ European country.	A. a	B. an	C. the	D. no article
92.	It has been raining all _____ afternoon.	A. a	B. an	C. no article	D. the
93.	The _____ of a snow clad mountain is exciting.	A. site	B. cite	C. sight	D. none
94.	He was very tired as _____ is 6'O clock in the morning.	A. he was working	B. he had been working	C. he has been working	D. he will be working
95.	You will fail if you _____ studying now.	A. does not start	B. do not start	C. have not start	D. has not start
96.	Young men and women should get _____ to waking up early in the morning.	A. used	B. trained	C. prepared	D. practice
97.	I used to speak Tamil ----- but I have forgotten it now.	A. good	B. fluently	C. honestly	D. carefully
98.	His marks in English _____ below average this year.	A. has been	B. was being	C. is being	D. have been
99.	I think she spent the entire afternoon _____ the phone	A. in	B. on	C. at	D. by
100.	He has _____ evidence to prove his innocence.	A. many	B. all	C. either	D. enough

SOUTHERN RAILWAY

**SUITABILITY TEST AGAINST GRADUATE QUOTA FOR APPOINTMENT UNDER
COMPASSIONATE GROUNDS**



Date: 20.12.2023

Time : 02.00 Hrs

Maximum Marks: 100

INSTRUCTIONS TO THE CANDIDATES

“Please read all the instructions carefully before making any entry in the answer sheet.”

1	Check that the Question Paper contains 100 questions and if any unprinted/torn pages are found, get it replaced.
2	Each question carries 1 mark.
3	The OMR answer sheet contains two copies, the original copy and the duplicate copy below. <u>DO NOT ATTEMPT TO SEPARATE OR DISPLACE THEM WHILE ANSWERING.</u> The shading/darkening done on the original OMR answer sheet will automatically appear on the Carbonless Copy and hence no separate shading/darkening requires on the carbonless copy.
4	<i>Candidates are required to fill items No. 1 to 11 in the OMR answer sheet.</i> Incomplete and incorrect entries may render your answer sheet invalid.
5	Any names/ roll numbers, if found in the OMR sheet, such OMR sheets will not be evaluated and will be disqualified.
6	Use only Blue/Black Ball Point Pen for writing/shading/darkening on the OMR sheet. Gel Pens/Pencils are not allowed.
7	Answers to Questions 1 to 100 are given in the multiple choice as A,B,C,D. Choose only one correct answer to each question from the multiple choice given (A,B,C,D) and darken/shade the appropriate circle fully. Changes are not permitted once answered. Only 1 – 100 questions to be answered. 101 – 110 will not be applicable. Don't put a tick mark, a cross mark over the circle. Half-filled or over-filled circles will not be evaluated. Correct Method  Wrong Methods 
8	<u>There is NO negative mark for incorrect answers</u>
9	Answer all the 100 questions
10	Corrections of any type on the OMR sheet (eg: overwriting, cutting, erasing or alterations of any type in the answer) <u>will not be accepted.</u> Zero marks will be given for such answers.
11	Please handover the OMR sheet along with its duplicate copy to the invigilator before leaving the examination hall.
12	Candidates are not allowed to keep mobile phones/electronic gadgets or any other documents/papers with them in the Examination Hall.
13	Candidates are allowed to take the Question Paper with them after the examination.
14	It may be noted that in the event of any doubt/discrepancy, the most apt option and the English version will prevail.

1) National Unity Day is celebrated to commemorate the birth anniversary of which leader?

- A) Mahatma Gandhi
- B) Jawaharlal Nehru
- C) Sardar Vallabhbhai Patel
- D) Dr B.R Ambedkar

2) 'Maitree Super Thermal Power Project' is situated in which country?

- A) Bangladesh
- B) India
- C) Sri Lanka
- D) Nepal

3) What is the name of the National Public Procurement Portal of India?

- A) Government e-Market portal
- B) Bharat e-Market portal
- C) Namo e-Market portal
- D) India e-Market portal

4) Which company has launched a new mobile application called 'Share(dot)Market'?

- A) PhonePe
- B) Paytm
- C) BharatPe
- D) CRED

5) When the East India Company was formed, the Mughal Emperor in India was?

- A) Jahangir
- B) Akbar
- C) Humayun
- D) Aurangzeb

6) Kaziranga National Park is located in which state?

- A) West Bengal
- B) Assam
- C) Odisha
- D) Sikkim

7) Who is called the 'Father of Green Revolution' in India?

- A) Verghese Kurien
- B) M S Swaminathan
- C) Dhyan Chand
- D) Vikram Sarabhai

8) Which is the world's largest active volcano

- A) Mount Etna
B) Mount Kilimanjaro
C) Mount St. Helens
D) Mauna Loa

9) Mana, which has been re-termed as the first Indian village, is located in which state/UT?

- A) Sikkim
B) Arunachal Pradesh
C) Uttarakhand
D) Jammu and Kashmir

10) "Chaityabhoomi" is the resting place of which leader?

- A) Dr B R Ambedkar
B) Sardar Vallabhbhai Patel
C) Rabindranath Tagore
D) Jawaharlal Nehru

11) Which city is known as "Electronic City of India"?

- A) Mumbai
B) Hyderabad
C) Bangalore
D) Pune

12) When is the "National Statistics Day" celebrated every year in India

- A) April 1
B) March 31
C) June 21
D) June 29

13) Who won the Nobel Prize for Literature 2023?

- A) Jon Fosse
B) Annie Ernaux
C) Claudia Goldin
D) Douglas Diamond

14) Pankaj Advani is associated with which sports

- A) Foot ball
B) Cricket
C) Hockey
D) Billiards

15) What is the name of the first Indian space mission to observe the Sun?

- A) Aditya-L1
C) Rakshak-L1
- B) Surya-L1
D) Samyukth-L1

16) In which session of INC, India's national anthem was sung for the first time?

- A) 1911, Kolkata
C) 1913, Delhi
- B) 1912, Lucknow
D) 1914, Bombay

17) Which country hosted G-20 Summit 2023

- A) Russia
C) France
- B) India
D) Britain

18) Which of the software is necessary to view web pages on the internet?

- A) Web mail
C) MS Office
- B) Web Browser
D) Flash Player

19) Who is known as father of World Wide Web

- A) Charles Babbage
C) Tim Berners Lee
- B) Allen Turing
C) John McCarthy

20) How many electrons can the s-orbital accommodate?

- A) 1
C) 8
- B) 2
D) 16

21) Which is the most abundant metal in the Earth's crust?

- A) Oxygen
C) Nitrogen
- B) Aluminium
D) Silicon

22) What is the chemical name of common salt

- A) Sodium Chloride
C) Sodium Carbonate
- B) Sodium Nitrate
D) Sodium Bicarbonate

23) What is the S.I unit of Coefficient of Mutual inductance?

- A) Weber
- B) Candela
- C) Henry
- D) Lambert

24) 0°K is equivalent to which of the following in Centigrade?

- A) 273.15°C
- B) -273.15°C
- C) 573.15°C
- D) -573.15°C

25) Which disease is known as the killer disease of wheat?

- A) Stem rust
- B) Loose smut
- C) Flag smut
- D) Karnal bunt

26) Which among the following disease is NOT caused by viruses?

- A) Polio
- B) Chicken Pox
- C) Typhoid
- D) Influenza

27) Which among the following represents accounting year of Reserve Bank of India?

- A) April- March
- B) January – December
- C) September-August
- D) July-June

28) Who won ICC World Cup 2023

- A) India
- B) Australia
- C) South Africa
- D) New Zealand

29) Which superfast train have first Braille Signal AC coaches in India

- A) Vande Bharat
- B) Vivek Express
- C) Rajadhani Express
- D) Purushottam Express

30) The Prime Meridian is referred to as the

- A) Meridian of Greenwich
- C) Meridian of West

- B) Meridian of East
- D) Meridian of South

31) In the event of the death of the President, the vice-President acts as President for a maximum period of

- A) 3 months
- C) 12 months

- B) 6 months
- C) 18 months

32) Which one of the following languages is not specified in the Eighth schedule of the Indian Constitution?

- A) Urdu
- C) Sindhi

- B) English
- D) Sanskrit

33) Which planet of the solar system has the longest day

- A) Mercury
- C) Earth

- B) Jupiter
- D) Venus

34) What does NITI Aayog stands for

- A) National Institute for Technology India
- B) National Institute for Transforming India
- C) National Interest for Technology India
- D) National Interest for Transforming India

35) Who led the revolt of 1857 in the city of Kanpur

- A) Rani Lakshmi Bai
- C) Begum Hazrat Mahal

- B) Nana Sahib
- D) Kunwar Singh

36) Who is the present President of World Bank

- A) Ajay Banga
- C) Gita Gopinath

- B) Indra Nooyi
- D) Arvind Krishna

37) The book "To Live or Not Live" was written by

- A) V.S Naipaul
B) Alexandra Dumas
C) Sashi Tharoor
D) Nirad C Choudary

38) The Battle of Plassey was fought in the year

- A) 1757
B) 1782
C) 1857
D) 1764

39) The river known as Vridha Ganga

- A) Krishna
B) Godavari
C) Narmada
D) Tapti

40) Who founded Ramakrishna Mission in 1896?

- A) Rama Krishna Paramhans
B) Ravindra Nath Tagore
C) Devendra Nath Tagore
D) Swami Vivekananda

Que. No. 41-43 replace with correct **synonym**

41) The courage shown by the soldiers at this moment of crisis is exemplary.

- A) Admirable
B) Clear
C) Elementary
D) Suitable

42) Courtesy does not cost one anything

- A) Gentility
B) Civility
C) Amiability
D) Urbanity

43) Our talks with the foreign delegation were really productive.

- A) Growing
B) Efficient
C) Lengthy
D) Fruitful

Que. No. 44-46 replace with correct **Antonym**

44) The officer asked the clerk to expedite the matter.

- A) Adjourn
- B) Postpone
- C) Defer
- D) Delay

45) There are reports that many poor people abandon female children

- A) Like
- B) Reject
- C) Keep
- D) Help

46) Gandhiji always advocated the use of indigenous goods.

- A) Cheap
- B) Native
- C) Silly
- D) Foreign

Que. No. 47-49 fill in the blanks using the most appropriate form of the verb

47) "Nobody ----- in that country," said Ram to his friend.

- A) don't learn
- B) are learning
- C) learns
- D) doesn't learns

48) Although he ----- the first round in record time, he ----- in the second, and so finished tenth overall.

- A) finishes / is slipping
- B) had been finishing / was slipping
- C) will have finished / slips
- D) had finished / slipped

49) It is a tradition that ever since

- A) have been celebrated
- B) had been celebrated
- C) has been celebrated
- D) has been celebrating

50) choose the correct sentence

- A) The ruler and the minister was killed.
- B) The ruler and the minister have been killed.

- C) The ruler and the minister is been killed.
D) The ruler and the minister has been killed.

51) choose the correct sentence

- A) Neither she nor I were at home.
B) Neither she nor I was at home.
C) Neither she nor I has been at home.
D) Neither she nor I been at home.

52) choose the correct sentence

- A) A large number of soldiers has died for the country.
B) A large number of soldiers is died for the country.
C) A large number of soldiers are died for the country.
D) A large number of soldiers have died for the country.

Que.No. 53 – 55 Choose the alternative which best expresses the meaning of the **Idiom/Phrase**

53) He worked hard to **“feather his nest.”**

- A) decorate his home
B) be the envy of others
C) provide for his own needs
D) trap birds

54) I would leave the job **at the drop of a hat** if I did not have a family to support.

- A) without hesitation
B) put down the hat
C) to someone else
D) with pleasure

55) Cooking is **not rocket science.**

- A) not an interesting task
B) not a difficult task
C) not time consuming
D) not a branch of science

Que.No. 56-58 Fill in the blanks with suitable **prepositions**.

56) Jyoti is working ----- a farm, and her mother is working in a bank.

- A) in
- B) on
- C) with
- D) over

57) the years, things go better

- A) over
- B) about
- C) in
- D) of

58) Sana was starring ----- me.

- A) to
- B) towards
- C) at
- D) on

59) Find the **incorrectly** spelt word

- A) Impediment
- B) reccomend
- C) Merriment
- D) Embarrassment

60) Find the **incorrectly** spelt word

- A) Committed
- B) Submitted
- C) Benifitted
- D) Remitted

61) Find the **incorrectly** spelt word

- A) Lieutenant
- B) Laboratory
- C) Lawlessness
- D) Laudatory

Read the passage and answer the following questions

Harold a professional man who had worked in an office for many years had a fearful dream. In it, he found himself in a land where small slug-like animals with slimy tentacles lived on people's bodies. The people tolerated the loathsome creatures because after many years they grew into elephants which then became the nation's system of transport, carrying everyone wherever he wanted to go.

Harold suddenly realised that he himself was covered with these things, and he woke up screaming. In a vivid sequence of pictures this dream dramatized for Harold what he had never been able to put in to words; he saw himself as letting society feed on his body in his early years so that it would carry him when he retired. He later threw off the "security bug" and took up freelance work.

62) In his dream Harold found the loathsome creatures

- A) in his village
- B) in his own house
- C) in a different land
- D) in his office

63) Which one of the following phrases best helps to bring out the precise meaning of 'loathsome creatures'?

- A) Security bug and slimy tentacles
- B) Fearful dream and slug-like animals
- C) Slimy tentacles and slug-like animals
- D) slug-like animals and security bug

64) The statement that 'he later threw off the security bug' means that

- A) Harold succeeded in overcoming the need for security
- B) Harold stopped giving much importance to dreams
- C) Harold started tolerating social victimisation
- D) Harold killed all the bugs troubled him

Que.No. 65 – 66 Change into **indirect speech**

65) "If you don't keep quiet I shall shoot you", he said to her in a clam voice.

- A) He warned her to shoot id she didn't keep quiet calmly.
- B) He said calmly that I shall shoot you if you don't be quiet.
- C) He warned her calmly that he would shoot her if she didn't keep quiet.
- D) Calmly he warned her that be quiet or else he will have to shoot her.

66) "Please don't go away", she said.

- A) She said to please her and not go away
- B) She told me to go away.
- C) She begged me not to go away.
- D) She begged that I not go away.

Que.No. 67 – 68 change into **active / passive voice**

67) "Darjeeling grows tea".

- A) Tea is being grown in Darjeeling.
- B) Let the tea be grown in Darjeeling.
- C) Tea is grown in Darjeeling.
- D) Tea grows in Darjeeling.

68) "He is said to be very rich".

- A) He said that he is very rich. B) People say he is very rich.
- C) He said it is very rich. D) People say it is very rich.

Que.No. 69 – 70 choose the correct question tag

69) You play the guitar amazingly, ----- ?

- A) did you" B) don't you ?
- C) do you ? D) will you"

70) Let us go to the museum, ----- ?

- A) do we ? B) don't we ?
- C) shan't we ? D) shall we ?

71) The LCM of two number is 2079 and their HCF if 27. If one of the numbers 189, then the other number is.

- A) 279
B) 297
C) 792
D) 729

72) Which among the following is a multiple of 6

- A) 95875
B) 75368
C) 63924
D) 88442

73) Which one of the following is the smallest fraction

- A) $\frac{6}{11}$
B) $\frac{13}{18}$
C) $\frac{15}{22}$
D) $\frac{19}{36}$

74) If $x + \frac{1}{x} = 3$, then the value of $x^8 + \frac{1}{x^8} = ?$

- A) 1207
B) 3207
C) 2207
D) 4207

75) The surface area of a pipe, open at both ends, is equal to 628 sq.m. The difference between its radius and its length is 15 m; the length being the larger. If the pipe was closed at one end, what amount of water can it hold? (Use $\pi = 3.14$)

- A) 1570 cu.m
B) 725 cu.m
C) 1020 cu.m
D) 1250 cu.m

76) Find the least number of 5 digits which is exactly divisible by 89.

- A) 10008
B) 10089
C) 10057
D) 10010

77) Two numbers are in the ratio 3:5. If 9 be subtracted from each, they are in the ratio of 12:23. Find the numbers.

A) 33 & 55

B) 11 & 65

C) 44 & 75

D) 77 & 95

78) On the occasion of a certain meeting each member gave shakehand to the remaining members. If the total shakehands were 28, how many members were present for the meeting?

A) 6

B) 8

C) 25

D) 50

79) From a well-shuffled pack of 52 playing cards, one card is drawn at random. What is the probability that the card drawn will be a black king?

A) 1/26

B) 7/13

C) 1/13

D) 2/13

80) A fort had provisions for 150 men for 45 days. After 10 days, 25 men left the fort. How long will the food last at the same rate for the remaining men?

A) 40

B) 42

C) 44

D) 46

81) A bag contains 465 coins of one rupee, 50 paise and 25 paise. Their values are in the ratio 5:3:1. Find the number of 25 paise coins.

A) 124

B) 186

C) 155

D) 162

82) The population of a town has increased from 60,000 to 65,000. Find the increase percent?

A) $6 \frac{1}{3}\%$

B) $7 \frac{1}{3}\%$

C) $8 \frac{1}{3}\%$

D) $9 \frac{1}{3}\%$

83) A shopkeeper marks the price of his goods 12% higher than its original price. After that, he allows a discount of 12%. What is his percentage profit or loss?

- A) 1.44 % profit
B) 2.44 % profit
C) 2.44% loss
D) 1.44 % loss

84) 15 years ago the average age of a family of four members was 40 years. Two children were born in this span of 15 years. The present average age of the family remains unchanged. Among the two children who were born during the 15 years, if the older child at present is 8 years older than the younger one, what is the ratio of the present age of the older child to the present age of the younger child?

- A) 7 : 1
B) 9 : 4
C) 9 : 5
D) 7 : 3

85) A person bought two watches for Rs. 480. He sold one at a loss of 15% and the other at a gain of 19% and he found that each watch was sold at the same price. Find the cost price of the two watch sold at gain.

- A) 250
B) 280
C) 290
D) 200

86) An article was purchased for Rs.78,350. Its price was marked up by 30%. It was sold at a discount of 20% on the marked-up price. What was the profit percent on the cost price?

- A) 5%
B) 4 %
C) 6%
D) 8%

87) A person lent a certain sum of money at 4% simple interest; and in 8 years the interest amounted to Rs.340 less than the sum lent. Find the sum lent.

- A) 500
B) 1000
C) 1500
D) 2000

88) A sum of money placed at compound interest doubles itself in 4 years. In how many years will it amount to eight times itself?

- A) 5 years B) 12 years
 C) 8 years D) 10 years

89) A vessel contains a mixture of Grape, Pineapple and Banana juices in the respective ratio of 4:6:5. 15 litres of this mixture is taken out and 8 litres of grape juice and 2 litres of pineapple juice is added to the vessel. If the resultant quantity of grape juice is 10 litres less than the resultant quantity of pineapple juice, what was the initial quantity of mixture in the vessel? (in litres)

- A) 150 B) 250
 C) 180 D) 220

90) A and B together can do a piece of work in 12 days which Band C together can do in 16 days. After A has been working at it for 5 days, and B for 7 days, C takes up and finishes it alone in 13 days. In how many days A can do the work alone?

- A) 48 B) 35
 C) 24 D) 16

91) A cistern can be filled by two pipes A and B in 4 hours and 6 hours respectively. When full, the tank can be emptied by a third pipe C in 8 hours. If all the taps be turned on at the same time, in how much time the cistern will be full?

- A) 3 hrs B) $4 \frac{2}{3}$ hrs
 C) $3 \frac{3}{7}$ hrs D) $4 \frac{5}{3}$ hrs

92) A monkey tries to ascend a greased pole of 14 metres high. He ascends 2 metres in first minute and slips down 1 metre in the alternate minute. If he continues to ascend in this fashion, how long does he take to reach the top?

- A) 24 minutes
- B) 25 minutes
- C) 27 minutes
- D) 28 minutes

93) A train leaves Delhi for Amritsar at 2.45pm and goes at the rate of 50km an hour. Another train leaves Amritsar for Delhi at 1.35pm and goes at the rate of 60km/hr. If the distance between Delhi and Amritsar is 510km, at what distance from Delhi will the two trains meet?

- A) 200 km
- B) 220 km
- C) 350 km
- D) 320 km

94) A cube of sides 3cm is melted and smaller cubes of sides 1 cm each are formed. How many such cubes are possible?

- A) 30
- B) 20
- C) 27
- D) 32

95) $(768 \times 768 \times 768 + 232 \times 232 \times 232) / (768 \times 768 - 768 \times 232 + 232 \times 232) = ?$

- A) 950
- B) 1250
- C) 900
- D) 1000

96) What will be the day of the week 15th August, 2010?

- A) Sunday
- B) Monday
- C) Tuesday
- D) Friday

97) Find the missing number

18, 22, 38,, 138

- A) 56
- B) 84
- C) 98
- D) 74

98) What is the angle between the minute hand and the hour hand of a clock when the time is 4.20?

- A) 0° B) 10°
C) 5° D) 20°

99) A rectangular park 60 m long and 40 m wide has two concrete crossroads running in the middle of the park and rest of the park has been used as a lawn. If the area of the lawn is 2109 sq. m, then what is the width of the road?

- A) 2.5 m B) 3.5 m
C) 4 m D) 3 m

100) A motorboat, whose speed in 15 km/hr in still water goes 30 km downstream and comes back in a total of 4 hours 30 minutes. The speed of the stream (in km/hr) is

- A) 4 B) 5
C) 6 D) 10

अनुकंपा के आधार पर स्नातक कोटा के तहत नियुक्ति के लिए उपयुक्तता परीक्षा।
Suitability test against Graduate Quota for appointment under Compassionate Ground.

दिनांक/Date- 29.03.2023

दो घंटे (TWO HOURS)

अंक/Marks 100

निर्देश /Instructions

उत्तर पुस्तिका में किसी प्रकार की प्रविष्टि करने से पहले कृपया सभी निर्देशों को ध्यान से पढ़ें।

Please read all the instructions carefully before making any entry in the answer sheet.

- जांच ले कि प्रश्न पत्र में 100 प्रश्न हैं और यदि कोई अमुद्रित / फटे हुए पृष्ठ पाए जाते हैं, तो इसे बदल दें।
Check that the question paper contains 100 questions and if any unprinted / torn pages are found, get it replaced.
- कैपिटल लेटर में (A/B/C/D) के रूप में चार बहुविकल्पीय उत्तरों के साथ 100 प्रश्न दिए गए हैं, न कि लोअर केस में। केवल कैपिटल लेटर में लिखे गए उत्तरों का मूल्यांकन किया जाएगा। There will be 100 questions with FOUR multiple choice answers in capital letter only as (A/B/C/D) and not in lower case uniformly and answers written in capital letter will only be evaluated.
- प्रत्येक प्रश्न के लिए 1 अंक है। Each question carries 1 mark.
- उम्मीदवार को अपना नाम और रोल नंबर केवल फलाई पन्ने पर दिए गए स्थान पर ही लिखना है, न कि उत्तर पुस्तिका में किसी भी पृष्ठ में। Candidate should write their name and roll number ONLY in the space provided in the fly leaf and not in any of the page in the answer booklet
- यदि उत्तर पुस्तिका या अतिरिक्त उत्तर पुस्तिका में कोई भी नाम/रोल नंबर पाया जाता है, तो ऐसे उत्तर पुस्तिकों का मूल्यांकन नहीं किया जाएगा और उन्हें अयोग्य घोषित कर दिया जाएगा। Any names/roll numbers if found in the answer booklet or additional answer booklet, such papers will not be evaluated and will be disqualified.
- उत्तरों में, किसी भी प्रकार के सुधार जैसे: काटना / अधिलेखन / मिटाना / स्कोरिंग और एक ही उत्तर को फिर से लिखना / पाठ के रूप में उत्तर लिखना, लोअर केस में उत्तर लिखना आदि की अनुमति नहीं है। ऐसे उत्तरों का मूल्यांकन बिल्कुल भी नहीं किया जाएगा। In the answers, correction of any type Eg: Cutting/ overwriting/ Erasing/ Scoring and re-writing another answer/ writing the answer in the text form, writing the answers in lower case etc is not permitted. Such answers will not be evaluated at all.
- उम्मीदवारों को परीक्षा हॉल के भीतर अपने मोबाइल फोन / इलेक्ट्रॉनिक गैजेट्स या किसी भी अन्य दस्तावेज / पेपर रखने की अनुमति नहीं है। Candidates are not allowed to keep their mobile phones/electronic gadgets or any other documents/papers within the examination hall.
- गलत उत्तर के लिए कोई नकारात्मक अंक नहीं है। There is NO negative mark for the wrong answer.

ANTYMONS				
1	JETTISON			
	A	Accept	B	Reward
	C	Preserve	D	Consent
2	AMELIORATE			
	A	Improve	B	Depend
	C	Soften	D	Worsen
3	GROTESQUE			
	A	Normal	B	ODD
	C	Whimsical	D	Sinful
4	DEVIOUS			
	A	Straight	B	Obvious
	C	Simple	D	Superficial
5	EVANESCENT			
	A	Imminent	B	Permanent
	C	Pervasive	D	Immanent
6	FRAGILE			
	A	Rugged	B	Delicate
	C	Strong	D	Raw
7	DAUNTLESS			
	A	Cowardly	B	Secret
	C	Subtle	D	Devious
8	POIGNANT			
	A	Astounding	B	Flawless
	C	Unmoving	D	Enormous
9	QUINTESSENTIAL			
	A	Mediocre	B	Quarter
	C	Crucial	D	Destruction
10	SUBSERVIENT			
	A	Subordinate	B	Domineering
	C	Perseverance	D	Enchanting
SYNONYMS				
11	DILIGENT			
	A	Intelligent	B	Difficult
	C	Laborious	D	Quick
12	CARELESS			
	A	Spotless	B	Faceless
	C	Negligent	D	Vigilant
13	PASSTIME			
	A	Tardiness	B	Recreation
	C	Memory	D	Antiquity
14	CANDID			
	A	Vague	B	Secretive
	C	Experienced	D	Straight-forward
15	WONDER			
	A	Beautiful	B	Wander
	C	Astonishment	D	Convince
16	MORTAL			
	A	Recurrent	B	Trivial
	C	Fatal	D	Eternal
17	ASTUTE			
	A	Distraught	B	Careful
	C	Generous	D	Shrewd
CHOOSE CORRECT SPELT WORD				
18	A	Abbreviate	B	Abreaviate
	C	Appreviate	D	Abbraviate
19	A	Contentet	B	Contented
	C	Condented	D	Condemted
CHOOSE CORRECT PLURALS				
20	A	Truses	B	Truss
	C	Trusses	D	Trusess
WRITE SUITABLE ANSWERS				
21	The court cognizance of criminal's words			
	A	Took	B	Made
	C	Gave	D	Allowed
22	The child has been missing yesterday (Proportionate)			
	A	From	B	Since
	C	For	D	None
23	Your father used to be the principal of this college			
	A	Did he?	B	Does he?
	C	Didn't he?	D	Doesn't he?
24	Someone is adding "Fuel to fire" if they			
	A	Putting out the fire	B	Starting a fire
	C	Want a situation, that is bad to get worse	D	Want to help settle a situation that is very hot
25	They went on expedition to North (Suitable article)			
	A	a/the	B	An/the
	C	No article/the	D	the/the
26long walk in country is very interesting (Suitable article)			
	A	a/the	B	The/a
	C	a/a	D	The/an

27	Have you bought.....mangoes? (Suitable Adjectives)							
	A	Some	B	Any	C	One	D	None
28	I was really craving chocolate, I went to the store and bought some							
	A	So	B	But	C	For	D	While
29	Every Saturday, Oscar likes.....ski in the mountains. Allie likes skiing							
	A	Too;to	B	To;too	C	Two;to	D	Too;two
30	Edward carefully placed the eggs on the wooden table (Find the Adverb)							
	A	Edward	B	Carefully	C	Wooden	D	Placed
31	I would of called you, but my phone was broken (find grammatically incorrect)							
	A	Called	B	Broken	C	Of	D	Would
32	The ant marched quickly back to home (Complete the sentence)							
	A	Its	B	It's	C	Their	D	Its'
33	They decided thatleaving for Vancouver tomorrow							
	A	Are	B	Their	C	They're	D	There
34	Mr. Hendrix become angry if there was garbage in..... yard							
	A	Him	B	Her	C	Their	D	his
35	First, he's visiting London and then he.....to Scotland							
	A	Travelled	B	Would travel	C	Will be travelling	D	Has travelled
IDIOMS AND PHRASES								
36	He passed himself off as a noble man							
	A	Pretended to be	B	Was looked upon	C	Was regarded as	D	Was thought to be
37	Since he knew what would happen, he should be left to stew in his own juice							
	A	Make a stew	B	Boil	C	Suffer for his own act	D	Suffer for his own juice
38	The woman.....gave me the money was quite young (Suitable Pronoun)							
	A	Which	B	Whose	C	Who	D	Whom
39	Do not trust a man who blows his own trumpet							
	A	Flatters	B	Praises others	C	Praises himself	D	Admonishes others
40	A Mechanical B Electrical C Engineering D Administration (Odd one out)							
41	निम्नलिखित में से किसने "आनुवंशिकता का नियम" दिया? Which of the following personalities gave "The Law of Heredity"?							
	A	रॉबर्ट हुक Robert hook	B	जी.जे. मेंडल G.J. Mendel	C	चार्ल्स डार्विन Charles Darwin	D	विलियम हार्वे William Harvey
42	निम्नलिखित में से कौन देशबंधु के नाम से भी जाना जाता था? Name the person who was also known as Deshbandhu							
	A	एस राधाकृष्णन S. Radhakrishnan	B	जी.के. गोखले G.K. Gokhale	C	चित्तराजन दास Chittarajan Das	D	मदन मोहन मालवीय Madan Mohan Malviya
43	अब तक कितने वित्त आयोगों का गठन किया गया है? How many finance commissions have been set up so far?							
	A	10	B	11	C	12	D	14
44	भारत के संविधान के अनुसार, निम्नलिखित में से कौन सरकार के मुख्य अंगों में से एक नहीं है According to the constitution of India, which of the following is NOT one of the main organs of the Government							
	A	विधानमंडल Legislature	B	नौकरशाही Bureaucracy	C	कार्यकारिणी Executive	D	न्यायपालिका judiciary
45	भारतीय संविधान के के अंतर्गत पंचायती राज आता है. Panchayati Raj comes under..... of constitution of India							
	A	अवशिष्ट सूची Residual List	B	समवर्ती सूची Concurrent list	C	राज्य सूची State list	D	संघीय सूची Union list

46	संचालन के लिए निजी कंपनी को सौंपी गई भारतीय रेल की पहली ट्रेन का नाम क्या है? What is the name of first train in Indian Railways handed over to private players for operation?						
A	दिल्ली-लखनऊ तेजस एक्सप्रेस Delhi- Lucknow Tejas Express	B	शताब्दी एक्सप्रेस Shatabdi Exp	C	कर्नाटक एक्सप्रेस Karnataka Exp	D	दुरंतो एक्सप्रेस Duranto Exp
47	भारत की पहली डबल डेकर ट्रेन कौन सी है? Which is India's first double decker train?						
A	अहमदाबाद मुंबई सेंट्रल एक्सप्रेस Ahmedabad Mumbai Central express	B	एर्नाकुलम - हजरत Ernakulam - Hazrat	C	निजामुद्दीन दुरंतो Nizamuddin Duranto	D	गवाहटी-त्रिवेंद्रम एक्सप्रेस Gawahati- Trivandrum Exp
48	भारत में "दूधसागर झरना" कहाँ है? Where is "Dudhsagar waterfall" in India?						
A	गोवा Goa	B	महाराष्ट्र Maharashtra	C	गुजरात Gujarat	D	राजस्थान Rajasthan
49	रक्त का सबसे बड़ा भाग कौन है? Which is the largest part of the blood?						
A	लाल रक्त कोशिकाएं Red Blood cells	B	सफेद रक्त कोशिकाएं White blood cells	C	प्लाज्मा Plasma	D	प्लेटलेट्स Platelets
50	गीत गोविंद किसकी प्रसिद्ध रचना है? Geet Govind is a famous creation of						
A	बार्न भट्ट Bana bhatt	B	कालिदास Kalidas	C	भरत मुनि Bharat Muni	D	जयदेव Jayadev
51	इबोला वायरस रोग को नाम से भी जाना जाता है? Ebola Virus disease is also known as						
A	रक्तसावी बुखार Hemorrhagic fever	B	फिलोविरिड Filoviridae	C	मारबर्ग वायरस Marburgvirus	D	क्यूवा वायरस Cueva virus
52	क्षुद्रग्रह आब्जेक्ट है, जो सूर्य के चारों ओर परिक्रमा करती है। Asteroids are objects orbiting around the Sun						
A	बलुआ/Sandy	B	द्रव/Liquid	C	चट्टानी/Rocky	D	गैसीय/Gaseous
53	"UDAN" में 'D' का अर्थ क्या है? What does 'D' stands for in "UDAN"?						
A	दिन/Din	B	दिवस/Diwas	C	दंगल/Dangal	D	देश/Desh
54	किस देश ने तीन बार ओलंपिक की मेजबानी की है? Which country has hosted the Olympics three times?						
A	यू.के./UK	B	यू.एस./US	C	जापान/Japan	D	रूस/Russia
55	जिन्हें अर्थशास्त्र के पिता के रूप में जाना जाता है। क्या आप दिए गए विकल्पों में से उसे पहचान सकते हैं? Who is known as the father of Economics. Can you identify him from the given options?						
A	जे एम कीन्स J M Keynes	B	अब्राहम मास्लो Abraham Maslow	C	एडम स्मिथ Adam Smith	D	जे के गालब्रेथ J K Galbraith
56	"ड्रीम्स फ्रॉम माई फादर" पुस्तक के लेखक कौन हैं? Who is the author of book "Dreams from my Father"?						
A	प्रकाश जावड़ेकर Prakash Javadekar	B	स्मृति जुबिन ईरानी Smriti Zubin Irani	C	हर्षवर्धन Harsh Vardhan	D	बराक ओबामा Barack Obama
57	2017 में, किस अंतरिक्ष एजेंसी ने एक ही मिशन में 104 उपग्रह भेजे? In 2017, which Space Agency sends 104 satellites in a single mission?						
A	इसरो ISRO	B	नासा NASA	C	रूसी एजेंसी Russian Agency	D	चीनी एजेंसी China Agency

58	किसी देश की राष्ट्रीय आय होती है। The National Income of a country is						
A	सरकार का वार्षिक राजस्व Government Annual Revenue	B	कुल उत्पादन आय Total productive income	C	कुल उत्पादक आय Surplus of the public sector enterprise	D	निर्यात- (ऋण) आयात Export-(Loan)Import
59	येलो फंगस के कौन से संभावित लक्षण होते हैं: Which possible symptoms of Yellow fungus:						
A	एलर्जी Allergy	B	सर्वर कोल्ड Server cold	C	सनकिन आँखें Sunken eyes	D	वायरल बुखार Viral Fever
60	गणित के जनक कौन हैं? Who is the father of Maths?						
A	रामानुजम Ramanujam	B	आर्यभट्ट Arybhata	C	आर्किमिडीज Archimedes	D	अल्बर्ट एल्नस्टीन Albert Einstein
61	35% of (?) = 2175.95						
A	6712	B	6217	C	6127	D	6721
62	15x11+45/13x9-30= ?						
A	2 1/5	B	2 7/5	C	5 3/10	D	3 8/17
63	44% of 766 + ? = 900						
A	498.48	B	562.96	C	574.80	D	444.64
64	3.3 + 13.33 + 31.13+13.31 + 1.3 = ?						
A	64.31	B	64.47	C	62.37	D	62.17
65	(16) ² + (21) ² - (13) ² + ? = (25) ²						
A	67	B	32	C	81	D	97
66	22 ² + √?= 529						
A	45	B	2045	C	2025	D	48
67	4/9 of 3/8 of 2/7 of 294 = ?						
A	24	B	14	C	16	D	22
68	1950 / 26 / 25 = ?						
A	12	B	8	C	5	D	3
69	बिक्रय मूल्य का सूत्र? Formula for selling price?						
A	$S.P = \frac{(100+Gain\%)}{100} \times C.P$	B	$S.P = \frac{(C.P - Gain\%)}{100} \times Loss$	C	$S.P = \frac{(Gain\% + C.P)}{100} \times C.P$	D	$S.P = \frac{(Loss\% - CP)}{100} \times Gain$
70	तीव्र कोण:/Acute angle :						
A	90° से अधिक More than 90°	B	सटीक 90° Exact 90°	C	90° से कम Less than 90°	D	उपरोक्त सभी All above
71	एक छात्र को उत्तीर्ण होने के लिए 30% अंक प्राप्त करना होता है, यदि वह 30 अंक प्राप्त करता है और 30 अंकों से अनुत्तीर्ण होता है। तो परीक्षा का निर्धारित अधिकतम अंक ज्ञात कीजिये। A student has to score 30% marks to get through. If he gets 30 marks and fails by 30 marks. Find the maximum marks set for the examination						
A	180	B	210	C	220	D	200
72	(√10-3)(√10+3) = ?						
A	1	B	2	C	√10	D	6
73	180 डिग्री से अधिक लेकिन 360 डिग्री से कम कोण को क्या कहा जाता है? Angle greater than 180 degrees but less than 360 degrees are called?						
A	तीव्र कोण Acute angle	B	अधिक कोण Obtuse angle	C	समकोण Right angle	D	रिफ्लेक्स कोण Reflex angle
74	Pi का मान? The value of Pi?						
A	3.14159	B	3.41559	C	3.59141	D	3.41159
75	360° का मान/The value of 360°						
A	0	B	-1	C	1	D	-2

76	निम्नलिखित अनुक्रम की अगली संख्या लिखिए 1,2,3,5,8,13, --? Write the next number of the following sequences 1,2,3,5,8,13, --?			
	A 19	B 21	C 20	D 16
77	100 की रोमन संख्या? The Roman Number of 100?			
	A XC	B XCX	C VIIXX	D C
78	किस संख्या का व्युत्क्रम नहीं होता है? Which number does not have reciprocal?			
	A 0	B 1	C -1	D -2
79	रिया कक्षा में शीर्ष से 8 ^{वें} और नीचे से 26 ^{वें} स्थान पर है। तो कक्षा में कितने विद्यार्थी हैं? Riya ranked 8 th from the top & 26 th from the bottom in the class. How many students are there in the class?			
	A 25	B 28	C 33	D 30
80	सूत्र $C = B^2 / A - B$ को ध्यान में रखते हुए, यदि $A = -20$ और $B = -10$, तो C का मान क्या है? Considering Formula $C = B^2 / A - B$, Then if value of $A = -20$ and $B = -10$, Value of C is			
	A 20	B 10	C 1	D -10
81	जूलिया ने 20 दिनों में एक किताब पढ़ी। उसने पहले 15 दिनों में प्रत्येक दिन 16 पृष्ठ पढ़े, और पिछले 5 दिनों से प्रति दिन 18 पृष्ठ पढ़े। तो जूलिया ने कितने पृष्ठ पढ़े? Julia read A book in 20 days. She read 16 pages every day for the first 15 days, and 18 pages every day for the last 5 days. How many pages did Julia read ?			
	A 330	B 240	C 90	D 288
82	$? \times 7/12 \times 5/7 \times 1/2 = 2500$			
	A 14000	B 13000	C 12000	D 11000
83	प्रिया के पास 16 रेड बॉल, 2 ग्रीन बॉल, 9 ब्लू बॉल और 1 मल्टीकलर बॉल थी। यदि वह 9 लाल बॉल, 1 हरी बॉल और 3 नीली बॉल खो देती है, तो उसके पास कितनी गेंदें बची होंगी? Priya had 16 Red balls, 2 Green Balls, 9 Blue Balls and 1 multicolour ball. If she lost 9 Red balls, 1 Green ball and 3 Blue balls, How many balls would be left?			
	A 39	B 28	C 11	D 15
84	$= 4\sqrt{25} + 4^3$ का मान क्या है What is the value of the express $= 4\sqrt{25} + 4^3$			
	A 32	B 44	C 84	D 112
85	$(1/2)^{-2}$ का मान The value of $(1/2)^{-2}$			
	A -4	B -1/4	C 1/4	D 4
86	एक कार 36 लीटर पेट्रोल पर 522 किमी की दूरी तय कर सकती है, तो 14 लीटर पेट्रोल पर यह कितनी दूरी तय कर सकती है? A car can cover a distance of 522 km on 36 liters of petrol. How far can it travel on 14 liters of petrol?			
	A 231 km	B 223 km	C 203 km	D 302 km
87	एक दर्पण के माध्यम से देखी गई घड़ी, साढ़े तीन को दिखाती है। तो सही समय क्या होगा? A clock seen through a mirror, shows quarter past three. What is the time?			
	A 3.15	B 8.45	C 9.15	D 9.45
88	मैट्रिक्स संख्याओं की एकव्यवस्था है The matrix is an arrangement of numbers in			
	A M पंक्तियाँ और n कॉलम M rows & n columns	B N पंक्तियाँ और m कॉलम N rows & m column	C A & B दोनों Both A&B	D कोई नहीं None
89	अरुण के पास एक रुपये, पांच रुपये और 10 रुपये के बराबर नोट हैं। यदि उसके पास 320 रुपये हैं, तो प्रत्येक रुपये के नोटों की संख्या क्या होगी? Arun has equal number of one rupee, five rupee and 10 rupee notes with him. If he has 320 rupees with him, what will be the number of each rupee notes?			
	A 15	B 10	C 20	D 25

90	ईंट का आकार क्या है? What is the shape of brick?			
	A	वर्गाकार Square	B	आयताकार Rectangle
			C	घन Cube
			D	घनाभ Cuboid
91	8-5x= 8+2x?			
	A	1	B	7
			C	0
			D	16
92	फैक्टराइज : $8x + 24$ Factorize : $8x + 24$			
	A	$8(x + 3)$	B	$(3x + 8)$
			C	$4(x + 6)$
			D	None
93	126 और 168 का (म.स.)एचसीएफ / The HCF of 126 and 168			
	A	21	B	18
			C	14
			D	42
94	325 को इसके अभाज्य के गुणनफल के रूप में व्यक्त किया जा सकता है 325 can be expressed as a product of its primes as			
	A	$5^2 \times 7$	B	$5^2 \times 13$
			C	5×13^2
			D	$2 \times 3^2 \times 5^2$
95	52 पत्तों की एक ताश की गड्डी को अच्छी तरह से फेटने के बाद, उससे एक पत्ती निकाला गया, तो कितनी संभावना है कि यह पत्ता काला की रानी है। One card is drawn from a well shuffled deck of 52 cards. The prob that it is black queen is			
	A	$1/13$	B	$1/52$
			C	$2/13$
			D	$1/26$
96	एक डेकागोन में कितने किनारा होता है? How many side are there in a Decagon ?			
	A	7	B	8
			C	9
			D	10
97	यदि डेविड की उम्र 2011 में 27 साल है। तो 2003 में उसकी आयु कितनी थी? If David's age is 27 years old in 2011. What was his age in 2003?			
	A	17 वर्ष/yrs	B	19 वर्ष/yrs
			C	20 वर्ष/yrs
			D	37 वर्ष/yrs
98	मैं एक संख्या हूँ। एक जगह पर मेरे पास 7 हैं। मैं 80 से कम लेकिन 70 से बड़ा हूँ। मेरा संख्या क्या है? I am a number. I have 7 in the ones place. I am less than 80 but greater than 70. What is my number?			
	A	77	B	71
			C	73
			D	75
99	यदि 5 लड़के 35 कार्टून पैक करने में 7 घंटे लेते हैं, तो 3 घंटे में 65 कार्टून को कितने लड़के मिल कर पैक कर सकते हैं? If 5 boys take 7 hours to pack 35 cartoons, then how many boys can pack 65 cartoons in 3 hours?			
	A	26	B	39
			C	45
			D	None
100	If $a^2 = 12$ then $a^4 = ?$			
	A	144	B	72
			C	36
			D	24

*****समाप्त/The end*****

SOUTHERN RAILWAY
SUITABILITY TEST AGAINST GRADUATE QUOTA FOR APPOINTMENT UNDER
COMPASSIONATE GROUNDS



Date: 20.12.2023

Time : 02.00 Hrs

Maximum Marks: 100

INSTRUCTIONS TO THE CANDIDATES

“Please read all the instructions carefully before making any entry in the answer sheet.”

1	Check that the Question Paper contains 100 questions and if any unprinted/torn pages are found, get it replaced.
2	Each question carries 1 mark.
3	The OMR answer sheet contains two copies, the original copy and the duplicate copy below. <u>DO NOT ATTEMPT TO SEPARATE OR DISPLACE THEM WHILE ANSWERING.</u> The shading/darkening done on the original OMR answer sheet will automatically appear on the Carbonless Copy and hence no separate shading/darkening requires on the carbonless copy.
4	<i>Candidates are required to fill items No. 1 to 11 in the OMR answer sheet.</i> Incomplete and incorrect entries may render your answer sheet invalid.
5	Any names/ roll numbers, if found in the OMR sheet, such OMR sheets will not be evaluated and will be disqualified.
6	Use only Blue/Black Ball Point Pen for writing/shading/darkening on the OMR sheet. Gel Pens/Pencils are not allowed.
7	Answers to Questions 1 to 100 are given in the multiple choice as A,B,C,D. Choose only one correct answer to each question from the multiple choice given (A,B,C,D) and darken/shade the appropriate circle fully. Changes are not permitted once answered. Only 1 – 100 questions to be answered. 101 – 110 will not be applicable. Don't put a tick mark, a cross mark over the circle. Half-filled or over-filled circles will not be evaluated. Correct Method Wrong Methods
	<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="border: 1px solid black; padding: 5px; text-align: center;">  </div> <div style="border: 1px solid black; padding: 5px; text-align: center;">  </div> </div>
8	<u>There is NO negative mark for incorrect answers</u>
9	Answer all the 100 questions
10	Corrections of any type on the OMR sheet (eg: overwriting, cutting, erasing or alterations of any type in the answer) <u>will not be accepted.</u> Zero marks will be given for such answers.
11	Please handover the OMR sheet along with its duplicate copy to the invigilator before leaving the examination hall.
12	Candidates are not allowed to keep mobile phones/electronic gadgets or any other documents/papers with them in the Examination Hall.
13	Candidates are allowed to take the Question Paper with them after the examination.
14	It may be noted that in the event of any doubt/discrepancy, the most apt option and the English version will prevail.

1) National Unity Day is celebrated to commemorate the birth anniversary of which leader?

- A) Mahatma Gandhi
B) Jawaharlal Nehru
C) Sardar Vallabhbhai Patel
D) Dr B.R Ambedkar

2) 'Maitree Super Thermal Power Project' is situated in which country?

- A) Bangladesh
B) India
C) Sri Lanka
D) Nepal

3) What is the name of the National Public Procurement Portal of India?

- A) Government e-Market portal
B) Bharat e-Market portal
C) Namo e-Market portal
D) India e-Market portal

4) Which company has launched a new mobile application called 'Share(dot)Market'?

- A) PhonePe
B) Paytm
C) BharatPe
D) CRED

5) When the East India Company was formed, the Mughal Emperor in India was?

- A) Jahangir
B) Akbar
C) Humayun
D) Aurangzeb

6) Kaziranga National Park is located in which state?

- A) West Bengal
B) Assam
C) Odisha
D) Sikkim

7) Who is called the 'Father of Green Revolution' in India?

- A) Verghese Kurien
B) M S Swaminathan
C) Dhyan Chand
D) Vikram Sarabhai

8) Which is the world's largest active volcano

A) Mount Etna

B) Mount Kilimanjaro

C) Mount St. Helens

D) Mauna Loa

9) Mana, which has been re-termed as the first Indian village, is located in which state/UT?

A) Sikkim

B) Arunachal Pradesh

C) Uttarakhand

D) Jammu and Kashmir

10) "Chaityabhoomi" is the resting place of which leader?

A) Dr B R Ambedkar

B) Sardar Vallabhbhai Patel

C) Rabindranath Tagore

D) Jawaharlal Nehru

11) Which city is known as "Electronic City of India"?

A) Mumbai

B) Hyderabad

C) Bangalore

D) Pune

12) When is the "National Statistics Day" celebrated every year in India

A) April 1

B) March 31

C) June 21

D) June 29

13) Who won the Nobel Prize for Literature 2023?

A) Jon Fosse

B) Annie Ernaux

C) Claudia Goldin

D) Douglas Diamond

14) Pankaj Advani is associated with which sports

A) Foot ball

B) Cricket

C) Hockey

D) Billiards

15) What is the name of the first Indian space mission to observe the Sun?

- A) Aditya-L1
C) Rakshak-L1
- B) Surya-L1
D) Samyukth-L1

16) In which session of INC, India's national anthem was sung for the first time?

- A) 1911, Kolkata
C) 1913, Delhi
- B) 1912, Lucknow
D) 1914, Bombay

17) Which country hosted G-20 Summit 2023

- A) Russia
C) France
- B) India
D) Britain

18) Which of the software is necessary to view web pages on the internet?

- A) Web mail
C) MS Office
- B) Web Browser
D) Flash Player

19) Who is known as father of World Wide Web

- A) Charles Babbage
C) Tim Berners Lee
- B) Allen Turing
C) John McCarthy

20) How many electrons can the s-orbital accommodate?

- A) 1
C) 8
- B) 2
D) 16

21) Which is the most abundant metal in the Earth's crust?

- A) Oxygen
C) Nitrogen
- B) Aluminium
D) Silicon

22) What is the chemical name of common salt

- A) Sodium Chloride
C) Sodium Carbonate
- B) Sodium Nitrate
D) Sodium Bicarbonate

23) What is the S.I unit of Coefficient of Mutual inductance?

- A) Weber
- B) Candela
- C) Henry
- D) Lambert

24) 0°K is equivalent to which of the following in Centigrade?

- A) 273.15°C
- B) -273.15°C
- C) 573.15°C
- D) -573.15°C

25) Which disease is known as the killer disease of wheat?

- A) Stem rust
- B) Loose smut
- C) Flag smut
- D) Karnal bunt

26) Which among the following disease is NOT caused by viruses?

- A) Polio
- B) Chicken Pox
- C) Typhoid
- D) Influenza

27) Which among the following represents accounting year of Reserve Bank of India?

- A) April- March
- B) January – December
- C) September-August
- D) July-June

28) Who won ICC World Cup 2023

- A) India
- B) Australia
- C) South Africa
- D) New Zealand

29) Which superfast train have first Braille Signal AC coaches in India

- A) Vande Bharat
- B) Vivek Express
- C) Rajadhani Express
- D) Purushottam Express

30) The Prime Meridian is referred to as the

- A) Meridian of Greenwich
- C) Meridian of West

- B) Meridian of East
- D) Meridian of South

31) In the event of the death of the President, the vice-President acts as President for a maximum period of

- A) 3 months
- C) 12 months

- B) 6 months
- C) 18 months

32) Which one of the following languages is not specified in the Eighth schedule of the Indian Constitution?

- A) Urdu
- C) Sindhi

- B) English
- D) Sanskrit

33) Which planet of the solar system has the longest day

- A) Mercury
- C) Earth

- B) Jupiter
- D) Venus

34) What does NITI Aayog stands for

- A) National Institute for Technology India
- B) National Institute for Transforming India
- C) National Interest for Technology India
- D) National Interest for Transforming India

35) Who led the revolt of 1857 in the city of Kanpur

- A) Rani Lakshmi Bai
- C) Begum Hazrat Mahal

- B) Nana Sahib
- D) Kunwar Singh

36) Who is the present President of World Bank

- A) Ajay Banga
- C) Gita Gopinath

- B) Indra Nooyi
- D) Arvind Krishna

37) The book "To Live or Not Live" was written by

- A) V.S Naipaul
B) Alexandra Dumas
C) Sashi Tharoor
D) Nirad C Choudary

38) The Battle of Plassey was fought in the year

- A) 1757
B) 1782
C) 1857
D) 1764

39) The river known as Vridha Ganga

- A) Krishna
B) Godavari
C) Narmada
D) Tapti

40) Who founded Ramakrishna Mission in 1896?

- A) Rama Krishna Paramhans
B) Ravindra Nath Tagore
C) Devendra Nath Tagore
D) Swami Vivekananda

Que. No. 41-43 replace with correct **synonym**

41) The courage shown by the soldiers at this moment of crisis is exemplary.

- A) Admirable
B) Clear
C) Elementary
D) Suitable

42) Courtesy does not cost one anything

- A) Gentility
B) Civility
C) Amiability
D) Urbanity

43) Our talks with the foreign delegation were really productive.

- A) Growing
B) Efficient
C) Lengthy
D) Fruitful

Que. No. 44-46 replace with correct **Antonym**

44) The officer asked the clerk to expedite the matter.

- A) Adjourn
- B) Postpone
- C) Defer
- D) Delay

45) There are reports that many poor people abandon female children

- A) Like
- B) Reject
- C) Keep
- D) Help

46) Gandhiji always advocated the use of indigenous goods.

- A) Cheap
- B) Native
- C) Silly
- D) Foreign

Que. No. 47-49 fill in the blanks using the most appropriate form of the verb

47) "Nobody ----- in that country," said Ram to his friend.

- A) don't learn
- B) are learning
- C) learns
- D) doesn't learns

48) Although he ----- the first round in record time, he ----- in the second, and so finished tenth overall.

- A) finishes / is slipping
- B) had been finishing / was slipping
- C) will have finished / slips
- D) had finished / slipped

49) It is a tradition that ever since

- A) have been celebrated
- B) had been celebrated
- C) has been celebrated
- D) has been celebrating

50) choose the correct sentence

- A) The ruler and the minister was killed.
- B) The ruler and the minister have been killed.

- C) The ruler and the minister is been killed.
- D) The ruler and the minister has been killed.

51) choose the correct sentence

- A) Neither she nor I were at home.
- B) Neither she nor I was at home.
- C) Neither she nor I has been at home.
- D) Neither she nor I been at home.

52) choose the correct sentence

- A) A large number of soldiers has died for the country.
- B) A large number of soldiers is died for the country.
- C) A large number of soldiers are died for the country.
- D) A large number of soldiers have died for the country.

Que.No. 53 – 55 Choose the alternative which best expresses the meaning of the **Idiom/Phrase**

53) He worked hard to **"feather his nest."**

- A) decorate his home
- B) be the envy of others
- C) provide for his own needs
- D) trap birds

54) I would leave the job **at the drop of a hat** if I did not have a family to support.

- A) without hesitation
- B) put down the hat
- C) to someone else
- D) with pleasure

55) Cooking is **not rocket science.**

- A) not an interesting task
- B) not a difficult task
- C) not time consuming
- D) not a branch of science

Harold suddenly realised that he himself was covered with these things, and he woke up screaming. In a vivid sequence of pictures this dream dramatized for Harold what he had never been able to put in to words; he saw himself as letting society feed on his body in his early years so that it would carry him when he retired. He later threw off the "security bug" and took up freelance work.

62) In his dream Harold found the loathsome creatures

- A) in his village
- B) in his own house
- C) in a different land
- D) in his office

63) Which one of the following phrases best helps to bring out the precise meaning of 'loathsome creatures'?

- A) Security bug and slimy tentacles
- B) Fearful dream and slug-like animals
- C) Slimy tentacles and slug-like animals
- D) slug-like animals and security bug

64) The statement that 'he later threw off the security bug' means that

- A) Harold succeeded in overcoming the need for security
- B) Harold stopped giving much importance to dreams
- C) Harold started tolerating social victimisation
- D) Harold killed all the bugs troubled him

Que.No. 65 – 66 Change into **indirect speech**

65) "If you don't keep quiet I shall shoot you", he said to her in a clam voice.

- A) He warned her to shoot id she didn't keep quiet calmly.
- B) He said calmly that I shall shoot you if you don't be quiet.
- C) He warned her calmly that he would shoot her if she didn't keep quiet.
- D) Calmly he warned her that be quiet or else he will have to shoot her.

71) The LCM of two number is 2079 and their HCF if 27. If one of the numbers 189, then the other number is.

- A) 279
B) 297
C) 792
D) 729

72) Which among the following is a multiple of 6

- A) 95875
B) 75368
C) 63924
D) 88442

73) Which one of the following is the smallest fraction

- A) $6/11$
B) $13/18$
C) $15/22$
D) $19/36$

74) If $x + 1/x = 3$, then the value of $x^8 + 1/x^8 = ?$

- A) 1207
B) 3207
C) 2207
D) 4207

75) The surface area of a pipe, open at both ends, is equal to 628 sq.m. The difference between its radius and its length is 15 m; the length being the larger. If the pipe was closed at one end, what amount of water can it hold? (Use $\pi = 3.14$)

- A) 1570 cu.m
B) 725 cu.m
C) 1020 cu.m
D) 1250 cu.m

76) Find the least number of 5 digits which is exactly divisible by 89.

- A) 10008
B) 10089
C) 10057
D) 10010

77) Two numbers are in the ratio 3:5. If 9 be subtracted from each, they are in the ratio of 12:23. Find the numbers.

A) 33 & 55

B) 11 & 65

C) 44 & 75

D) 77 & 95

78) On the occasion of a certain meeting each member gave shakehand to the remaining members. If the total shakehands were 28, how many members were present for the meeting?

A) 6

B) 8

C) 25

D) 50

79) From a well-shuffled pack of 52 playing cards, one card is drawn at random. What is the probability that the card drawn will be a black king?

A) $1/26$

B) $7/13$

C) $1/13$

D) $2/13$

80) A fort had provisions for 150 men for 45 days. After 10 days, 25 men left the fort. How long will the food last at the same rate for the remaining men?

A) 40

B) 42

C) 44

D) 46

81) A bag contains 465 coins of one rupee, 50 paise and 25 paise. Their values are in the ratio 5:3:1. Find the number of 25 paise coins.

A) 124

B) 186

C) 155

D) 162

82) The population of a town has increased from 60,000 to 65,000. Find the increase percent?

A) $6 \frac{1}{3}\%$

B) $7 \frac{1}{3}\%$

C) $8 \frac{1}{3}\%$

D) $9 \frac{1}{3}\%$

A) 24 minutes

B) 25 minutes

C) 27 minutes

D) 28 minutes

93) A train leaves Delhi for Amritsar at 2.45pm and goes at the rate of 50km an hour. Another train leaves Amritsar for Delhi at 1.35pm and goes at the rate of 60km/hr. If the distance between Delhi and Amritsar is 510km, at what distance from Delhi will the two trains meet?

A) 200 km

B) 220 km

C) 350 km

D) 320 km

94) A cube of sides 3cm is melted and smaller cubes of sides 1 cm each are formed. How many such cubes are possible?

A) 30

B) 20

C) 27

D) 32

95) $(768 \times 768 \times 768 + 232 \times 232 \times 232) / (768 \times 768 - 768 \times 232 + 232 \times 232) = ?$

A) 950

B) 1250

C) 900

D) 1000

96) What will be the day of the week 15th August, 2010?

A) Sunday

B) Monday

C) Tuesday

D) Friday

97) Find the missing number

18, 22, 38,, 138

A) 56

B) 84

C) 98

D) 74

98) What is the angle between the minute hand and the hour hand of a clock when the time is 4.20?

A) 0°

B) 10°

C) 5°

D) 20°

99) A rectangular park 60 m long and 40 m wide has two concrete crossroads running in the middle of the park and rest of the park has been used as a lawn. If the area of the lawn is 2109 sq. m, then what is the width of the road?

A) 2.5 m

B) 3.5 m

C) 4 m

D) 3 m

100) A motorboat, whose speed in 15 km/hr in still water goes 30 km downstream and comes back in a total of 4 hours 30 minutes. The speed of the stream (in km/hr) is

A) 4

B) 5

C) 6

D) 10