

**SELECTION FOR THE POST OF GOODS GUARD IN LEVEL 5, PAY MATRIX UNDER 7<sup>TH</sup> CPC AGAINST 15% LDCE QUOTA IN OPERATING DEPARTMENT OF CHENNAI DIVISION**

Date: 02.03.19  
Venue: RMHSS, Perambur, Chennai-11

Duration: 3 hrs  
Time: 10:00 hrs

**INSTRUCTIONS**

- A) Candidates should write their name, designation, office, roll number/staff number etc., **ONLY** in the space provided in the fly leaf and not in any of the page in the answer books or additional sheets;
- B) Any names/roll numbers if found in the answer books or additional sheets such papers will be disqualified.
- C) In the answers to the objective type questions, no correction of any type is permitted. In case any correction is made, that answer shall not be evaluated at all for e.g., corrections made in the objective type questions like (a) cutting (b) overwriting (c) erasing (d) scoring off a ticked answer in multiple choice and ticking another answer and (e) modifying the answer in any way will not be evaluated at all
- D) Answers may be given in Hindi or Regional Language (Tamil or Telugu), if the candidate so chooses

**I. Answer any TWO (2 X 5 marks = 10 marks)**

- 1. List down the essentials of Absolute Block System
- 2. Elaborate on the GDR check list for goods train
- 3. List down the Hindi exams for which lump sum award is given when passed through private efforts.
- 4. List down the training facilities available for writing Hindi examination conducted by Department of Hindi language, Ministry of Home Affairs?

**II. Definitions (2 X 2 marks = 4 marks)**

- 1. Definition of Guard
- 2. Definition of Multiple-aspect signalling

**III. Descriptive questions (Total 41 marks- marks mentioned besides question)**

- 1. Elaborate on the duties of loco pilot and Guard when an automatic stop signal on double line is to be passed at 'ON'– (10 marks)
- 2. List down the Brake van equipments and explain the procedure to be followed for loading/unloading of brake van equipment (coaching trains). –( 7 marks)



3. Elaborate on the role of various railway staff on prevention of flat tyre and during detection of flat tyre – (10 marks)
4. Give a detailed answer on the precautions to be taken by various railway servants with respect to Damaged or Defective vehicles – (10 marks)
5. Elaborate on the rules to be adhered to by railway servants with reference to consumption of alcoholic drink, sedative, narcotic, stimulant drug or preparation – (4 marks)

IV. Fill in the blanks (20 X 1 mark = 20 marks)

1. When a train is within station limits, the guard shall be under the orders of the \_\_\_\_\_
2. In the case of any self-propelled vehicle, such as motor coach without a train and unaccompanied by the Guard, the duties of guard shall devolve on the \_\_\_\_\_
3. The Speed of trains over non-interlocked facing points shall not exceed \_\_\_\_\_ an hour in any circumstances
4. When a train comes to stand at station, the guard shall see that, wherever possible, the last vehicle of his train has cleared the \_\_\_\_\_ of all points and crossings
5. Slip siding protects \_\_\_\_\_
6. Catch siding protects \_\_\_\_\_
7. Caution order (when caution exists) to be issued in Form \_\_\_\_\_
8. Determination of compensation in respect of any injury or loss of goods shall be determined by the Railway \_\_\_\_\_
9. The form for "Block ticket to proceed without line clear" is \_\_\_\_\_
10. Rules for conveyance of explosives and other dangerous goods are laid down in the I.R.C.A. \_\_\_\_\_
11. \_\_\_\_\_ short whistles by loco pilot indicates that the rear of train to be protected
12. Guard shall appear on duty \_\_\_\_\_ minutes before the booked departure of the trains
13. In emergency only and under special instructions in each case, a \_\_\_\_\_ may be used in lieu of tail board or an unlit tail lamp
14. No train shall be allowed to leave a station with a red flag or an unlit red painted tail lamp by day in lieu of Tail board unless specially authorized by the \_\_\_\_\_
15. Each Guard and Loco Pilot shall have with him while on duty with his train \_\_\_\_\_ pair of such spectacles as he is required to wear under medical advice.
16. A guard shall be deemed to be not acquainted with any portion of the railway if a period of over \_\_\_\_\_ months has elapsed since he had last worked over that portion.
17. During accident, the target time for turning out the break down special during 6 to 18 hours is \_\_\_\_\_



- 18. During accident, the target time for turning out the break down special during 18 to 6 hours is \_\_\_\_\_
- 19. During accident ,the target time of turning out the Medical relief van from single exit siding is \_\_\_\_\_ unless specified otherwise
- 20. Form to be filled in by the guard and the driver in the case of persons falling out of trains is \_\_\_\_\_

V. Yes or No (5 X 1 mark = 5 marks)

- 1. During foggy weather night signals can be used by day – Yes/No
- 2. Two short whistles by loco pilot indicates "Call for guard's signal" – Yes/No
- 3. Three short whistles by loco pilot indicates "Call for guard to come to engine" – Yes/No
- 4. Continuous whistle by loco pilot indicates approaching tunnel – Yes/No
- 5. One long whistle by loco pilot indicates passing automatic stop signal at 'ON' – Yes/No

VI. Match the Following (20 X 1 mark = 20 marks)

- |                                     |   |                              |
|-------------------------------------|---|------------------------------|
| 1. Station section                  | – | SHUNTING PERMIT INDICATOR    |
| 2. Intermediate Block Post          | – | 59                           |
| 3. WLLRM                            | – | LSS                          |
| 4. Approved special instructions    | – | RECEPTION ROAD               |
| 5. Special instructions             | – | NON SIGNALLED LINE AUTHORITY |
| 6. The appearance of Signal         | – | DISABLED BV COACH            |
| 7. Colour light area Distant signal | – | C CLASS STATION              |
| 8. Route indicator signal on Home   | – | GENERATOR CAR                |
| 9. Advanced starter signal          | – | SIGNAL POST TELEPHONE        |
| 10. Automatic stop signal           | – | AC THREE TIER SLEEPER        |
| 11. T/511                           | – | B CLASS STATION              |
| 12. ACCW                            | – | CRS                          |
| 13. ACCN                            | – | AC TWO TIER SLEEPER          |
| 14. SLRD                            | – | CONTAINER                    |
| 15. BOXN                            | – | BRAKE POWER CERTIFICATE      |
| 16. BLC                             | – | BOGIE COVERED WAGON(AIR)     |
| 17. SPI                             | – | PCOM                         |
| 18. SPT                             | – | P MARKER PLATE               |
| 19. BPC                             | – | A MARKER PLATE               |
| 20. BCN                             | – | ASPECT                       |



**SELECTION FOR THE POST OF GOODS GUARD IN LEVEL 5, PAY MATRIX 7<sup>TH</sup> CPC  
AGAINST 60% PQ IN OPERATING DEPARTMENT OF CHENNAI DIVISION**

Date of Examination: 25/02/2020  
Time: 10:00 hrs.

Venue: Railkalyanamandapam, Perambur  
Duration: 120 minutes

**"Instructions to the Candidates"**

- 01 Check that the Question Paper contains 100 questions and if any unprinted / torn page is found, get it replaced.
- 02 There will be 100 questions with four multiple choice answers. Each question carries equal mark.
- 03 Candidates are required to fill only items No.1, 2, 3, 5 and 11 in the OMR sheet.
- 04 The Answer Sheet contains duplicate copy and **DO NOT ATTEMPT TO SEPARATE OR DISPLACE THE DUPLICATE COPY WHILE ANSWERING.**
- 05 The shading / darkening done on the original OMR sheet will automatically appear on the Carbon Copy and hence no separate shading / darkening requires on the carbon copy.
- 06 Use only Blue / Black Ball Point Pen for writing / shading / darkening on the OMR sheet. Gel Pens / Pencils are not allowed.
- 07 Please enter your **TEN DIGIT ROLL NUMBER** in the Box provided in the Answer Sheet and darken the corresponding circle.
- 08 Write your **Name in CAPITAL LETTER.**

Fill the **Date of Examination (25/02/2020)** and **Name of the Centre. (RKM/PER).**  
**PUT YOUR SIGNATURE IN THE ANSWER SHEET** against Item No.11 "Candidates Signature".

- 09 Answers to Questions 1 to 100 are given in the multiple choice as 1,2,3,4. Choose only one correct answer to each question from the multiple choice give (1,2,3,4) and darken / shade the appropriate circle fully. Changes are not permitted once answered.

Correct Method  Wrong Method 

- 10 **THERE IS NEGATIVE MARKING** and 1/3<sup>rd</sup> of the allotted marks will be deducted for every wrong answer.
- 11 Corrections of any type on the OMR Sheet (eg. Overwriting, Erasing, Modifying, Multiple shading **WILL NOT BE EVALUATED.** No mark will be given for any type of corrections in shading the answers on the OMR sheet.
- 12 Please handover the answer sheet along with its duplicate copy to the invigilator before leaving the examination hall. No answer sheet copy should be carried by the candidate.
- 13 Candidates are not allowed to keep mobile phones / electronic gadgets or any other documents / papers with them in the Examination Hall.
- 14 Candidates are allowed to take the Question Paper with them after the examination.
- 15 **Question No 81 to 90 have two questions. Candidates can attempt any one of the two questions.**

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1. How many wagons does a standard BTPN rake consists of?  
1) 50 + BV    2) 50 + 2 BV    3) 49 + 2 BV    4) 52 + BV
2. In Multiple Signalling Aspect area, the first Reception Stop signal is \_\_\_\_\_  
1) Distant    2) Home    3) Starter    4) None of these
3. Maximum Permissible speed of Goods trains on BG shall not exceed \_\_\_\_\_  
1) 75 Kmph    2) 100 Kmph    3) 50 Kmph    4) 40 Kmph
4. Calling ON signal is identified by \_\_\_\_\_  
1) "G" Marker    2) "P" Marker    3) "C" Marker    4) "A" Marker
5. The speed of Shunting Engine shall not exceed \_\_\_\_\_ kmph.  
1) 5    2) 15    3) 10    4) 6
6. BPC means \_\_\_\_\_  
1) Brake Power Certificate  
2) Block Competency Certificate  
3) Block Test Certificate  
4) None of these
7. What is the colour of a Feed pipe in Train?  
1) White    2) Green    3) Red    4) None of these
- 
- 8). \_\_\_\_\_ Authority shall be issued during Starter signal failure  
1) T/369 (3b)    2) T/370 + PHS    3) T/369 (3B) + PHS    4) T/369 (1) + PHS
- 9). Semi-Automatic signal means \_\_\_\_\_  
1) Manually operated    2) Automatic    3) Both    4) None of these
- 10). Permanent speed restrictions are notified through  
1) PTT    2) GRS    3) SWR    4) WTT
11. What should **not** be done after a train trails through a point?  
1) Stopping the Train    2) Backing the Train    3) Moving ahead    4) None of these
12. Brake Power Continuity test is conducted by \_\_\_\_\_ & \_\_\_\_\_  
1) TXR & SSE    2) LP & ALP    3) LP & Guard    4) SM & LP
- 13). What is the pressure to be maintained in Brake Pipe?  
1) 4 Kg. / cm<sup>2</sup>    2) 5 Kg. / cm<sup>2</sup>    3) 3 Kg. / cm<sup>2</sup>    4) 6 Kg. / cm<sup>2</sup>
- 14). Who is in charge of a train?  
1) Station Master    2) Loco Pilot    3) Section Controller    4) Guard
- 15). Complete arrival of a train at a station means  
1) Passing Home Signal  
2) Passing starter  
3) Arriving at the platform  
4) Clearing the fouling Mark
- 16). The Maximum Permissible Speed of a section is notified in  
1) SWR    2) G& SR    3) TSR    4) WTT
- 17) The letter 'W' in a WAP7 locomotive indicates  
1) Broad gauge    2) Metre gauge    3) Narrow gauge    4) None of the above

- 18) Every \_\_\_\_\_ has a signal in Automatic block section.  
1) 2 KM                      2) 1 KM                      3) 0.5 KM                      4) 1.5 KM
- 19) BPC of a train is issued by  
1) Guard                      2) Station Master                      3) SSE/C&W                      4) Loco Pilot
- 20) CBC means \_\_\_\_\_  
1) Centre Buffer coupling                      2) IR coupling                      3) Centre Ball Bearing                      4) None of these
- 21) WGACCN is \_\_\_\_\_  
1) Sleeper coach                      2) AC 3 tier coach                      3) Chair car                      4) AC 2 tier coach
- 22) BOXN wagon is a \_\_\_\_\_  
1) Tank wagon                      2) Open wagon                      3) Covered wagon                      4) Container wagon
- 23) \_\_\_\_\_ signal has no green indication.  
1) Loop line starter                      2) Distant                      3) Permissive                      4) Advance starter/LSS
- 24) Southern Railway has \_\_\_\_\_ divisions  
1) 5                      2) 7                      3) 4                      4) 6
- 25) WAG7 is a \_\_\_\_\_ Loco  
1) Coaching                      2) Shunting                      3) Goods                      4) None
- 26) Intermediate Block Signal Post is available in \_\_\_\_\_  
1) Automatic Block System                      2) Absolute Block System                      3) Both                      4) None
- 27) Maximum Speed of a M/E Train in Chennai division is \_\_\_\_\_  
1) 105 kmph                      2) 100 kmph                      3) 115 kmph                      4) 110 kmph
- 28) Vehicle Guidance of a train consists of \_\_\_\_\_ details.  
1) Passenger                      2) Parcel                      3) Luggage                      4) Train Composition
- 29) Taking off which of the following signals is an authority to proceed into the block section \_\_\_\_\_  
1) Starter                      2) Home                      3) Advanced Starter                      4) None
- 30) A passenger carrying train cannot be started from a station before \_\_\_\_\_ departure timings  
1) WTT                      2) PTT                      3) Both                      4) None
- 31) In double line section the authority for shunting beyond LSS is  
1) T/806                      2) Shunt key or PN                      3) T/806 + LSS (shunt key)                      4) None
- 32) Which one of the following wagons is used to carry containers?  
1) BTPN                      2) BCN                      3) BOXN                      4) BFKN
- 33) ODC means \_\_\_\_\_  
1) Over Deployed Consignment  
2) Over Designed Consignment  
3) Over Dimensioned Consignment  
4) None



34)CC rake BPC is Valid for

- 1) 12+3 days originating 100%, Enroute 75%
- 2) 12+3 days originating 90%, Enroute 70%
- 3) 12+3 days originating 95%, Enroute 75%
- 4) 6000 km/30 days, 7500 km/35 days

35) Hammering Sound from a moving train indicates \_\_\_\_\_

- 1) Hot Axle
- 2) Flat Tyre
- 3) Rail Crack
- 4) Weld Failure

36)Automobile loading in Chennai Division takes place at

- 1)JTJ
- 2) KPD
- 3) AIP
- 4) MLPM

37)CTR is prepared by

- 1)LP
- 2) Guard
- 3) Station Master
- 4) Controller

38)Which one of the following stations is a zonal interchange point of Southern railway?

- 1) KPD
- 2) AJJ
- 3) CGL
- 4) MAS

39) Maximum speed at which LHB coaches can run is \_\_\_\_\_ IRS coaches

- 1) <
- 2) >
- 3) =
- 4) None

40) Which one of the Locos has the highest Horse Power?

- 1)WAP1
- 2) WAP4
- 3)WAP7
- 4)WAG7

**Answer the following Questions**

41)20 + 20 ÷ 5 + 7 × 9 is equal to

- 1)15
- 2)87
- 3)18
- 4)23

42)Find the Value of "x" if x + 990 = 1000

- 1) 12
- 2)14
- 3)10
- 4)8

43) The average of first 50 natural numbers is

- 1)25.30
- 2)25.5
- 3)25.00
- 4) 12.25

44) All Natural numbers and 0 are called \_\_\_\_\_ numbers.

- 1) whole
- 2)prime
- 3)integer
- 4) rational

45) A number is divisible by 3 if the sum of its digits is divisible by

- 1) 1
- 2) 2
- 3) 3
- 4) 5

46) Simplify:  $3 + 6 \times (5 + 4) / 3 - 7$

- 1) 11
- 2) 16
- 3) 14
- 4) 15

47)If the average of three persons age is 10 years then find the sum of their age.

- 1) 18
- 2)21
- 3)24
- 4)30

48)If the speed of a car is 60 km/hr then the distance covered in 100 minutes is

- 1)100 km
- 2) 65 km
- 3) 70 km
- 4) 75 km

49) If x + y = 10 and x - y = 6 then value of y is?

- 1) 3
- 2) 4
- 3) 1
- 4) 2

50)5% of 250=?

- 1) 25
- 2)13.5
- 3)14.5
- 4)12.5

- 51)  $\sqrt{900} - 2 = ?$   
 1) 26            2) 28            3) 29            4) 27
- 52) Find the next number in the series 4, 8, 16, 32, —  
 1) 48            2) 64            3) 40            4) 46
- 53) Find the first number in the series \_\_, 19, 23, 29, 31,  
 1) 12            2) 15            3) 16            4) 17
- 54) Find the H.C.F of 108, 360 and 600.  
 1) 12            2) 13            3) 14            4) 15
- 55) The H.C. F of two numbers is 7 and their L.C.M is 210. If one of the numbers is 35, find the other.  
 1) 32            2) 42            3) 52            4) 62
- 56) A can do a bit of work in 8 days, and B can do the same in 10 days. In how many days both will complete the work together?  
 1)  $42/9$             2)  $41/9$             3)  $40/9$             4)  $44/9$
- 57) A man bought biscuits at the rate three for one rupee. How many for a rupee should he sell to make a profit of 50%.  
 1) 1            2) 2            3) 1.5            4) 3
- 58) A 75m long train is running at 54 km/hr. In how much time will it cross an electric pole?  
 1) 25 sec            2) 20 sec            3) 15 sec            4) 5sec
- 59) If  $a:b=2:3$  and  $b:c=5:7$ , then what is  $a:c$ ?  
 1) 10:21            2) 21:10            3) 10:11            4) 11:10
- 60)  $43986 \times 625 = ?$   
 1) 27491450    2) 27491350    3) 27491250            4) 27491750

### General English

#### Choose the correct prepositions for the following:

- 61) Is your brother ..... home?  
 1) in            2) at            3) on            4) of
- 62) There is no unity ..... the leaders.  
 1) among            2) between            3) within            4) in
- 63) The village is five miles ..... the highway.  
 1) off            2) across            3) of            4) above
- 64) He discussed the problem ..... his parents.  
 1) with            2) to            3) for            4) along
- 65) Can you finish the work \_\_\_\_\_ tomorrow?  
 1) to            2) in            3) within            4) by

#### Fill in the correct verb form:

- 66) As soon as she saw me, she \_\_\_\_\_ towards me.  
 1) rushed            2) was rushing            3) rushes            4) is rushing



67) The injured \_\_\_\_\_ to the hospital.

- 1) took      2) were taken      3) have taken      4) are taking

68) She \_\_\_\_\_ seem to be interested in the offer.

- 1) is not      2) do not      3) does not      4) has not

69) Heat \_\_\_\_\_ bodies.

- 1) expanded    2) expands      3) is expanding      4) none

70) I am not worried about the exam. I \_\_\_\_\_ enough to pass.

- 1) learn    2) learnt    3) have learnt    4) had learnt

**Identify the correct synonym for the following:**

71) Cheap

- 1) Poor      2) Costly      3) Pricey      4) Inexpensive

72) Simple

- 1) Easy      2) Fast      3) Nice      4) Heavy

73) Nervous

- 1) Short      2) Direct      3) Anxious      4) Crazy

74) Total

- 1) Addition    2) Sum      3) Some      4) None

75) Value

- 1) Good      2) Price      3) Worth      4) Number

**Complete the following sentences with the correct word:**

76) They are \_\_\_\_\_. They want to run away and hide.

- 1) sad      2) scared      3) sleepy      4) hot

77) A fly is a type of \_\_\_\_\_.

- 1) Bird      2) Fish      3) Reptile      4) Insect

78) A Sweater is a piece of \_\_\_\_\_.

- 1) Meat      2) Paper      3) Trash      4) Clothing

79) A fork is used to \_\_\_\_\_.

- 1) cook      2) see      3) laugh      4) eat

80) I try to \_\_\_\_\_ other people.

- 1) help      2) make      3) sleep      4) act

**General Knowledge:**

81) The Corona Virus outbreak is first reported in \_\_\_\_\_.

- 1) Japan      2) Malaysia      3) Philippines      4) China

Or

When was the Official Languages Act 1963 passed?

- 1) 10.06.1963    2) 10.07.1963    3) 10.8.1963    4) 10.05.1963

82) Aam Admi Party won the recent assembly elections in \_\_\_\_\_.  
1) Maharashtra      2) Jharkhand      3) Punjab      4) Delhi

Or

In which year the Official Language Act was amended?  
1) 1964      2) 1965      3) 1966      4) 1967

83) Chennai City receives maximum rainfall in October and November months due to  
1) South West Monsoon      2) North East Monsoon      3) Cyclones      4) None

Or

How many articles are there in Part XVII of the Constitution?  
1) 10      2) 9      3) 8      4) 7

84) Earth rotates on its axis from ?  
1) East to West      2) North to South      3) West to East      4) South to North

Or

When is 'Hindi Day' celebrated every year?  
1) 11<sup>th</sup> September      2) 13<sup>th</sup> September      3) 14<sup>th</sup> September      4) 15<sup>th</sup> September

85) Seasons are caused by  
1) Earth's Rotation      2) Earth's Revolution      3) Sun's Rotation      4) None

Or

What are the three regions classified under Official Language Rules?  
1) B, C, D      2) A, B, C      3) D, E, F      4) E, F, G

86) Most of the plants are green in colour because of  
1) Chlorophyll Pigment      2) Soil      3) Water      4) Air

Or

Who is the Chairman of Central Hindi Committee?  
1) Prime Minister      2) President      3) Home Minister      4) Chief Justice of India

87) The main source of Water pollution is  
1) Air pollutants      2) Rain water      3) Well water      4) Sewage Water

Or

How many members are there in the Parliamentary Committee on Official Language ?  
1) 27      2) 28      3) 29      4) 30

88) Which of the following gases has the highest concentration in Earth's Atmosphere?  
1) Oxygen      2) Nitrogen      3) Hydrogen      4) Carbon Dioxide

Or

Who prepares the Annual Programme on Official Language?  
1) PMO      2) Ministry of Home Affairs      3) Cabinet      4) Supreme Court

89) A Ball point pen functions on which of the following principle?  
1) Capillary Action      2) Gravitational Force      3) Surface Tension      4) Viscosity

Or

How many Hindi courses are prescribed for Central Govt. employees?  
1) 1      2) 2      3) 3      4) 4

90) Theory of Evolution is formulated by?  
1) Isaac Newton      2) Albert Einstein      3) Erasmus Darwin      4) Charles Darwin

Or

How many Lok Sabha Members are there in the Committee of Parliament on Official Language?  
1) 10      2) 15      3) 25      4) 20

91) Who is competent to prescribe conditions as for acquiring Indian Citizenship?  
1) Parliament      2) President      3) Prime Minister      4) Supreme Court



- 92) India is a \_\_\_\_\_  
1) Presidential Democracy    2) Parliamentary Democracy    3) Monarchy    4) All
- 93) Which of the following is a major Textile production hub?  
1) Madurai    2) Chennai    3) Tiruppur    4) Salem
- 94) Auroville is located near?  
1) Bengaluru    2) Mysore    3) Coimbatore    4) Pondicherry
- 95) The National Sport of India is \_\_\_\_  
1) Hockey    2) Cricket    3) Kabbadi    4) Volleyball
- 96) Kanchipuram is famous for \_\_\_\_\_  
1) Cotton textiles    2) Pottery    3) Silk Sarees    4) Brass Utensils
- 97) Who built TajMahal?  
1) Aurangzeb    2) Dara Sikoh    3) Jahangir    4) Shahjahan
- 98) The City with two Zonal railway Headquarters is  
1) Chennai    2) Mumbai    3) Bengaluru    4) Delhi
- 99) Sriharikota is known for \_\_\_\_\_  
1) Space Research    2) Automobile Industry    3) Ocean Research    4) None
- 100) P.V. Sindhu is associated with \_\_\_\_\_ sport.  
1) Cricket    2) Volleyball    3) Badminton    4) Table Tennis

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