

SOUTHERN RAILWAY  
TIRUCHCHIRAPPALLI DIVISION

**SELECTION FOR THE POST OF SECTION CONTROLLER  
IN PAY LEVEL L- 06 OF PAY MATRIX (GRADE PAY Rs. 4200/- VII PC) AGAINST  
75% PROMOTIONAL QUOTA (PRQ) IN OPERATING DEPARTMENT**

Date: 15.04.2023

Duration: 2 hrs

Maximum Marks: 100

**INSTRUCTIONS:**

1. Answer any 100 questions only in the Answer Book. Each question carries equal mark ( $100 \times 1 = 100$ )
2. The Questions on 'Official Language' are not compulsory and the evaluation will be made only in respect of questions for 100 marks.
3. There shall be **No Negative** marks for incorrect answers.
4. No indications, such as Name, Staff No., Roll No., etc., regarding the identity of the candidate shall be made in the answer book except in fly leaf. Answer book will not be taken up for valuation, if any marks/ symbols is found anywhere in the answer book.
5. Overwriting, addition, deletion in the answer book shall be avoided. It will be treated as wrong answer only.

Questions:

1. Wind velocity measured by \_\_\_\_\_

A. Anemometer

B. Spectrometer

C. Thermometer

D. Hydrometer

2. GRS issued by \_\_\_\_\_

A. DRM

B. GM

C. Railway Board

D. CRS

3. If period of absence is \_\_\_\_\_ consecutive days or more, a fresh declaration shall be obtained.

A. 15

B. 5

C. 16

D. 10

4. Gradients at stations are given in \_\_\_\_\_

A. SWR

B. GWR

C. GRS

D. None of these

5. What is the aspect of Distant signal at ON?

A. Danger

B. Caution

C. Proceed

D. Attention

6. Authorised officer of Southern Railway \_\_\_\_\_

A. PCOM

B. PCSO

C. GM

D. AGM

7. When Hot Axle noticed in running Train, it must be stopped \_\_\_\_\_
- A. Immediately                      B. In next station  
C. Next stopping point              D. None of these
8. While receiving the train on obstructed line hand signal shall be exhibited \_\_\_\_\_ meters from the obstruction.
- A. 20                      B. 45                      C. 180                      D. 50
9. Within Station Home signals, Level crossing Gates are manned by \_\_\_\_\_ staff.
- A. Traffic                      B. Engineering  
C. Commercial                      D. None of these
10. What are the effects of Brake Binding?
- A. Derailment                      B. Flat Tyre                      C. Hot axle                      D. None of these
11. What is the type of ACCW Coach \_\_\_\_\_?
- A. AC Three Tier                      B. AC Two Tier                      C. AC Chair car                      D. None of these
12. RDSO situated at
- A. Mumbai                      B. Hyderabad                      C. Kolkata                      D. Lucknow
13. RWF situated at
- A. Chennai                      B. Yelahanka                      C. Patna                      D. Pune
14. What is the colour of Brake pipe?
- A. White                      B. Green                      C. Red                      D. None of these
15. Trap point in Loop line protect \_\_\_\_\_ line.
- A. Running line                      B. Main Line                      C. Siding line                      D. None of these
16. In Multiple aspect area the first Reception Stop signal \_\_\_\_\_
- A. Distant                      B. Home                      C. Home outer                      D. None of these
17. Sighting committee should conduct Foot plate inspection once in \_\_\_\_\_ months.
- A. 4                      B. 3                      C. 6                      D. 5
18. Calling ON signal is a \_\_\_\_\_
- A. Hand signal                      B. Main signal                      C. Subsidiary Signal                      D. None-of these
19. In level crossings Emergency buttons are provided in the use of \_\_\_\_\_
- A. Putting back the gate signal                      B. Protecting the LC gate  
C. Stop the Road Traffic                      D. None of these
20. What should not be done after trail through?
- A. Stop the Train                      B. Back the Train                      C. Proceed the train                      D. None of these
21. For protection of a train in Absolute Block System BG, The first detonator is placed at
- A. 400 mtrs                      B. 600 mtrs                      C. 500 mtrs                      D. 250 mtrs



22. Permanent speed restrictions are notified through  
 A. WTT B. GRS C. SWR D. PTT
23. Minimum permissible running time is calculated based on the  
 A. MPS B. Booked speed C. Both a & b D. None
24. The Fog signal post is placed from the outermost STOP signal at a distance of  
 A. 180 mtrs B. 400 mtrs C. 270 mtrs D. 120 mtrs
25. IBP is treated as  
 A. Block station B. Non-block station C. Spl. Class station D. None
26. Orientation certificate issued to Guard working in \_\_\_\_\_ areA.  
 A. Automatic B. Single line C. Absolute D. Double line
27. Which one of the following is not tanker type wagon?  
 A. BTPN B. BTPGLN C. BTLFN D. BLCA
28. Head Quarters of South Western Railway is  
 A. Bangalore B. Mysore C. Nagpur D. Hubli
29. Maximum \_\_\_\_ BCN can be attached in a goods train.  
 A. 40 B. 42 C. 44 D. 46
30. Chapter V in GRS deals with \_\_\_\_\_.  
 A. Signals B. Level crossings  
 C. Control & working of stations D. Block working
31. Station section available in \_\_\_\_ class station  
 A. D B. C C. B D. A
32. Station warning board shall be placed \_\_\_\_\_ meters rear of Non-block station.  
 A. 1000 B. 1100 C. 1300 D. 1200
33. What is the height at which the normal aspect of a colour light signal is to be placed from the rail level?  
 A. Approximately at 2.65 Mts B. Approximately at 3.65 Mts  
 C. Approximately at 4.65 Mts D. Approximately at 5.65 Mts
34. GSS fails at outside station limit \_\_\_\_\_ close the gate \_\_\_\_\_ open the gate.  
 A. LP, Guard B. Guard, SM C. LP, ALP D. JE, SSE
35. India's longest train in terms of distance & travel time  
 A. MAS-NZM B. TN-OKHA C. JAT-BDTS D. CAPE-DBRG
36. "Signals" fall under chapter \_\_\_\_\_ of GRS.  
 A. VI B. V C. IV D. III

37. What is the expansion of CTR with respect to Track?
- A. Combined Track Removal                      B. Complete Track Removal  
C. Complete Track Renewal                      D. Complete Track Repair
38. S&T workshop in Southern Railway located at
- A. Trichy                      B. Madurai                      C. Palghat                      D. Podanur
39. Which one of the following is IT wing of Indian Railways?
- A. CRIS                      B. COFMOW                      C. RDSO                      D. CORE
40. WLRRM is a
- A. Generator car                      B. Pantry car                      C. First class car                      D. Ladies car
41. The code of AC pantry car is
- A. WCBAC                      B. WGCB                      C. WLRRM                      D. WLLRM
42. Which of the following is not LHB coach?
- A. GSLRD                      B. LWSCN                      C. LWACCN                      D. LWACCW
43. The form for "Block ticket to proceed without line clear" is
- A. T/C 602                      B. T/B 602                      C. T/A 602                      D. T/J 602
44. Two short whistles by Loco pilot indicates \_\_\_\_\_
- A. Call for Guard's signal                      B. Call for Guard to come to Engine  
C. Approaching tunnel                      D. Passing stop signal at ON
45. Form to filled by the Guard and Driver in the case of persons falling out of train is
- A. ACC-1                      B. ACC-2                      C. ACC-3                      D. ACC-4
46. CCRS (Chief Commissioner of Railway Safety) office at
- A. Delhi                      B. Mumbai                      C. Lucknow                      D. Bengaluru
47. RCT in Kerala located at
- A. Trivandrum                      B. Palakkad                      C. Ernakulam                      D. Calicut
48. The first letter 'Y' indicates in locomotives
- A. Broad guage                      B. Metre guage                      C. Narrow gauge                      D. None of the above
49. Guard has \_\_\_\_\_ authority with his essential equipments.
- A. T/409                      B. T/609                      C. T/D 1425                      D. T/369(3b)
50. Breach of Block Rules classified as \_\_\_\_\_ class accident.
- A. K                      B. L                      C. H                      D. G
51. Collision falls under \_\_\_\_\_ class accident.
- A. A                      B. L                      C. H                      D. G



52. During accident, the target time for turning out the break down special during 6 to 18 hrs is \_\_\_\_
- A. 10 minutes      B. 20 minutes      C. 30 minutes      D. 45 minutes
53. Aspect of calling on signal at ON is \_\_\_\_
- A. Green      B. Red      C. White      D. No light
54. All points shall normally be set for the \_\_\_\_
- A. running line      B. loopline      C. straight line      D. none
55. What shall be the clearance of the height gauge at LCs in the electrified section from the road level?
- A. 2.67 m      B. 3.67 m      C. 4.67 m      D. 5.67 m
56.  $\Sigma$  (Sigma) board indicates
- A. ahead of stop signal      B. ahead of shunt signal  
C. ahead of LC      D. none of the above
57. What is the maximum time required for cancellation of route initiated for a train in RRI / Panel Interlocked stations?
- A. 60 Seconds      B. 90 seconds      C. 120 Seconds      D. 150 Seconds
58. What type of whistle code shall sound by the Loco Pilot to indicate that the Train cannot proceed on account of accident, failure, obstruction or other exceptional cause?
- A. 0000      B. 000      C. 00      D. 0
59. \_\_\_\_\_ means unsteady illumination of any one aspect of a signal.
- A. Bobbing      B. Flickering      C. Indication      D. None of the above
60. What is the 'ON' aspect of a Colour light Repeating Signal?
- A. Red light      B. Green light      C. Yellow light      D. No light
61. If inner distant signal is provided the normal aspect of distant signal is
- A. Stop      B. Proceed      C. Attention      D. Caution
62. What are the items shall not be used to extinguish petrol or oil or Electrical fires?
- A. DCP      B. Water      C. Steam      D. Both b & c
63. At What distance, the W/L board shall be provided from the LC?
- A. 300 m      B. 600 m      C. 900 m      D. 1200 m
64. What distance, the Banner flag shall be provided at LC in case of any obstruction from the centre line of the LC?
- A. 2 m      B. 3 m      C. 5 m      D. 10 m

65. What is the method using in Railways for scanning the rails?  
 A. USFD                      B. FRED                      C. SPAD                      D. LASER
66. The knowledge of Fog signal man is to be tested once in \_\_\_\_ months.  
 A. 3                              B. 6                              C. 9                              D. 12
67. First aid box has to be replenished once in \_\_\_\_ months.  
 A. 3                              B. 6                              C. 9                              D. 12
68. What is the expansion of I.S.M.D.?  
 A. Infringing State Moving Dimensions  
 B. Infringing Standard Working Dimensions  
 C. Infringing Steel Moving Dimensions  
 D. Infringing Standard Moving Dimensions
69. What is the expansion of CCRS?  
 A. Chief Commissioner of Railway Safety  
 B. Central Commissioner of Railway Safety  
 C. Commercial Commissioner of Railway Safety  
 D. Common Commissioner of Railway Safety
70. What is the Form number for works involving Disconnection or Reconnection of interlocking gears?  
 A. S&T (T/350)                      B. S&T (T/351)  
 C. S&T (T/349)                      D. S&T (T/352)
71. Appearance and Disappearance of different aspects of a signal is known as \_\_\_\_  
 A. Aspect                      B. Indication                      C. Bobbing                      D. Flickering
72. Expansion of SEJ is  
 A. Switch Expansion Joint                      B. Store Expansion Joint  
 C. Safety Expansion Joint                      D. Street Expansion Joint
73. When a fixed signal is not in use it shall be distinguished by .....  
 A. Three crossed bars                      B. Two crossed bars  
 C. Two Round bars                      D. Three square bars
74. The bell code signal given when train passed without LV board / tail lamp is  
 A. 6 pause 4                      B. 6 pause 2                      C. 6 pause 1                      D. 6 pause 3
75. The bell code signal given when stop & examine the train is  
 A. 6 pause 4                      B. 6 pause 2                      C. 6 pause 1                      D. 6 pause 3



76. UTS is abbreviated for

- A. Ultimate Tensile Strength                      B. Universal Turnout Standards  
C. Under Tension Stress                      D. None of the above

77. rails are provided on a broad gauge track if the sharpness of the curve is more than a particular degree.

- A. Check rail                      B. Wing rail                      C. Nose rail                      D. Stock rail

78. Level crossing is classified on the basis of

- A. Public census                      B. Train Vehicle Unit  
C. Land survey                      D. Number of trains

79. \_\_\_\_ number of PN books are supplied to station / cabin.

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

80. A passenger carrying train cannot be started from a station before \_\_\_\_ departure timings.

- A. WTT                      B. Advertised time                      C. Both                      D. None

81. Hammering sound from a moving train indicates \_\_\_\_

- A. Hot Axle                      B. Flat Tyre                      C. Rail Crack                      D. Weld Failure

82. Fire Extinguisher in the SLR is maintained by

- A. JE (Tele)                      B. SSE (OHE)                      C. JE (C&W)                      D. SS/SMR

83. Damaged vehicle can be permitted to run only during \_\_\_\_.

- A. day                      B. night                      C. Day & night                      D. Not allowed

84. The speed of Class 'B' ODC is not to exceed \_\_\_\_ KMPH.

- A. 75                      B. 60                      C. 40                      D. No speed limit

85. Who is the sanctioning authority for Class 'C' ODC?

- A. GM                      B. CRS                      C. PCOM                      D. Sr.DOM

86. Who is the sanctioning authority for Class 'A' ODC within the division?

- A. DRM                      B. CRS                      C. PCOM                      D. Sr.DOM

87. Who is the sanctioning authority for Class 'A' ODC when moved over more than two divisions?

- A. DRM                      B. CRS                      C. PCOM                      D. Sr.DOM

88. Caution order in Form T/409 is given at

- A. Notice station                      B. All stopping stations  
C. All block stations                      D. Halt station

89. Block overlap in multiple aspect signalling shall not be less than \_\_\_\_ mts.

- A. 120                      B. 180                      C. 220                      D. 400

90. For granting line clear at a class A station, line shall be clear for at least 400 mts beyond home signal or up to \_\_\_\_\_.

- A. Shunt signal      B. FSS      C. LSS      D. Starter

91. Authority to perform shunting beyond LSS up to FSS in Tokenless single line is

- A. T/806      B. T/806+shunt key  
C. T/806 + written memo      D. T/806 + SMT

92. Which of the following board is provided in rear of FSS?

- A. Shunting warning board      B. Shunting limit board  
C. Block section limit board      D. Station warning board

93. Turning out time for MRV special from a double exit siding is

- A. 10 mins      B. 15 mins      C. 20 mins      D. 25 mins

94. During total interruption of communication single line authority to proceed issued for trains is

- A. Paper line clear ticket      B. Conditional line clear ticket  
C. Partial interruption certificate      D. T.1408

95. During temporary single line working when a train is approaching a station on wrong line the train shall be received on

- A. Signals      B. SPT      C. T/369(3b)      D. written memo by piloting

96. When LP reports heavy lurch/rough running Caution order is issued to restrict the speed to

- A. 5 kmph      B. 10 kmph      C. 15 kmph      D. walking speed

97. Authority for Relief train/engine to enter obstructed block section is

- A. T/A 602      B. T/B 602      C. T/C 602      D. T/D 602

98. Waving a white light vertically up and down as high and as low as possible is

- A. Danger signal      B. Parting signal  
C. Starting Signal      D. All right signal

99. To indicate train parting during day the Gateman shall use

- A. Green flag      B. red flag      C. green and red flags      D. bare arms

100. SWR shall be reviewed once in \_\_\_ years.

- A. 7      B. 5      C. 3      D. 2

101. When Hindi day celebrated every year?

- A. Sep 14      B. Oct 16      C. Sep 16      D. Oct 14

102. When was Official Language Act 1963 passed?

- A. 05.10.1963      B. 14.09.1963      C. 10.05.1963      D. 14.10.1963



103. Dadra & Nagar Haveli comes under which region?  
A. D                      B. C                      C. B                      D. A
104. Circulars & Memorandums comes under which section of the Official language Act 1963?  
A. Sec 3(1)                      B. Sec 3(2)                      C. Sec 3(3)                      D. sec 3(4)
105. Who prepares the Annual Programme on Official language?  
A. Ministry of Personnel                      B. Ministry of Home Affairs  
C. Ministry of Home Parliamentary Affairs                      D. Ministry of Civil Aviation
106. In which name cash award scheme of Ministry of Railways for writing original books in Hindi on Technical Railway subjects?  
A. Shri. Jawaharlal Nehru                      B. Shri. Lal Bahadur Shastri  
C. Dr. B.R. Ambedkar                      D. Shri. Mahatma Gandhi
107. Who is the chairman of Central Hindi committee?  
A. Prime minister                      B. Home minister  
C. President                      D. Vice president
108. How many Lok sabha members are there in Parliamentary committee on Official language?  
A. 20                      B. 25                      C. 30                      D. 35
109. What is the periodicity of the meeting of Town Official Language Implementation Committee?  
A. Once in 3 months                      B. Once in 6 months  
C. Once in 9 months                      D. Once in 12 months
110. As per the constitution, who is translating the Statutory Rules, Regulations and Orders?  
A. Home ministry                      B. Education ministry  
C. Law ministry                      D. Defence ministry