

RAILWAY RECRUITMENT BOARD

GROUP – D MODEL PAPER

No.of Questions: 100

Total Marks: 100

Time: 90 Mnts.

1. Blood pressure is measured with?
 - 1) Thermometer
 - 2) Barometer
 - 3) Sphygmomanometer
 - 4) Lactometer
2. Which one of the following is correctly matched?
 - 1) Rabindranath Tagore - Nil Darpan
 - 2) Dadabhai Naoroji - India Unrest
 - 3) Dinbandhu Mitra - Godaan
 - 4) Ramesh Chandra Dutt - Economic History of India
3. A does a work in 10 days and B does the same work in 15 days. In how many days they together will do the same work?
 - 1) 5
 - 2) 6
 - 3) 8
 - 4) 10
4. The book "Indomitable Spirit" is written by?
 - 1) Jhumpa Lahiri
 - 2) Khushwant Singh
 - 3) Rajmohan Gandhi
 - 4) Dr. A.P.J. Abdul Kalam
5. Full form of IOC is?
 - 1) Indian Oil Company
 - 2) Indian Oil Corporation
 - 3) India Oil Company
 - 4) India Oil Corporation
6. If KNIFE is coded as MPKHG, then what does the code DTGCF stand for?
 - 1) FVIEG
 - 2) FVIEH
 - 3) BREAD
 - 4) BRAED
7. In what ratio must tea at Rs.62 per kg be mixed with tea at Rs.72 per kg so that the mixture must be worth Rs.64.50 per kg.
 - 1) 3 : 1
 - 2) 3 : 2
 - 3) 4 : 3
 - 4) 5 : 3
8. Which of the following is not a Banking / Finance related term?
 - 1) Credit Wrap
 - 2) Diffusion
 - 3) EMI
 - 4) Held to Maturity
9. Optical fibre was invented in the year?
 - 1) 1995
 - 2) 2000
 - 3) 1955
 - 4) 2005
10. The Sarvodaya Movement was started by?
 - 1) Mahatma Gandhi
 - 2) Jayprakash Narayan
 - 3) Vinoba Bhave
 - 4) Jyotiba Phule
11. In which city Nahargarh Fort is situated?
 - 1) Jaipur
 - 2) Jodhpur
 - 3) Udaipur
 - 4) Ajmer

12. What is the least number which, must be added to 306452 to make it a perfect square?
1) 460 2) 462 3) 464 4) 466
13. X, Y, Z started a business by investing Rs.4000, Rs.8000 and Rs.10000. 'X' withdraws from the business after 6 months and 'Z' withdraws after 9 months. At the end of the year the profit is Rs.1,40,000. What is the share of X, Y, Z in the profit respectively?
1) Rs.60,000, Rs.64,000, Rs.16,000 respectively
2) Rs.16,000, Rs.64,000, Rs.60,000 respectively
3) Rs.64,000, Rs.60,000, Rs.16,000, respectively
4) None of the above
14. If the mass of a body is 'm' on the surface of the earth, its mass on the surface of the moon will be?
1) $m / 6$ 2) $m + 6$ 3) m 4) 6 m
15. The minimum age to become a member of Lok Sabha is
1) 21 2) 25 3) 30 4) 18
16. Which one of the following is a Self-Employment Programme for Educated Unemployed Youth?
1) Prime Minister's Rozgar Yojna
2) Swarna Jayanti Sahakari Rozgar Yojna
3) National Social Assistance Programme
4) None of the above
17. Rs.355 have been divided among A, B, C in such a way that A had Rs.20 more than B and C had Rs.15 more than A. How much was C's share?
1) Rs.100 2) Rs.120 3) Rs.135 4) Rs.150
18. Which organ of the body is affected by Leukodemia?
1) Heart 2) Kidney 3) Lungs 4) Skin
19. ECG is done to diagnose an ailment connected with?
1) Kidney 2) Heart 3) Brain 4) Blood
20. Which one of the following is an enzyme?
1) Glucagon 2) Insulin 3) Somatropin 4) Trypsin
21. $1 \frac{1}{5} \times 3 \times 3 \frac{1}{3} \times \frac{1}{3} =$
1) 3 2) 4 3) 6 4) 9
22. Which of the following organisation issued initial Public Offer norms for Life Insurance Companies?
1) CRISIL 2) SEBI 3) RBI 4) IRDA
23. Choose the correct alternative that will continue the same pattern and replace the question mark in the series given below:
AZ, CX, FU, ?
1) IR 2) IV 3) JQ 4) KP
24. The Jogbani – Biratnagar and Jaynagar – Bijapura – Bardibas lines connect India to :
1) Bangladesh 2) Nepal 3) Myanmar 4) Pakistan

25. In Basketball, how many players are there in each side?
1) 5 2) 7 3) 9 4) 11
26. A man completes a journey in 8 hours. He covers half the distance at 40 km / hr and the rest at 60 km / hr. The length of the journey is?
1) 450 km 2) 420 km 3) 384 km 4) None of these
27. $5004 \div 139 - 6 = ?$
1) 24 2) 30 3) 36 4) 42
28. Kabir was the disciple of :
1) Ramanuja 2) Ramananda 3) Shankaracharya 4) Chaitanya
29. $\left[1 \frac{1}{4} \div 1 \frac{1}{2}\right] + \left[2 \frac{1}{3} \times 1 \frac{3}{4}\right] =$
1) $\frac{13}{6}$ 2) $\frac{6}{13}$ 3) $4 \frac{12}{11}$ 4) $4 \frac{11}{12}$
30. In which Governor – General's reign was the first train service started in 1853?
1) Lord William Bentick 2) Lord Cornwallis
3) Lord Canning 4) Lord Dalhousie
31. When a plot is sold for Rs.18,700, the owner loses 15%. At what price must the plot be sold in order to gain 15%?
1) Rs.21,000 2) Rs.22,500 3) Rs.25,300 4) Rs.25,800
32. Which of the following disease is caused by the bite of a mad dog?
1) Hydroceptecemia 2) Hydrocephalus
3) Hydrophobia 4) None of these
33. The mean distance from the Sun to the Earth is called?
1) Light year 2) Parallactic second
3) Astronomical unit 4) Angstrom
34. In what ratio must a grocer mix two varieties of tea costing Rs.15 and Rs.20 per kg respectively so as to get a mixture worth Rs.16.50 per kg?
1) 3 : 7 2) 5 : 7 3) 7 : 3 4) None
35. Wimbledon known for Lawn Tennis Tournament is in?
1) London 2) Washington 3) France 4) Australia
36. The vitamin which is liable to be destroyed during cooking is?
1) Vitamin A 2) Vitamin B6 3) Vitamin C 4) Vitamin K
37. Which protein occurs abundantly in Egg?
1) Keratin 2) Albumin 3) Collagen 4) Haemoglobin
38. The product of two positive numbers is 2500. If one is four times the other, then the sum of two numbers is?
1) 25 2) 125 3) 225 4) None

39. Male is the capital of ?
1) Malawi 2) Maldives 3) Mali 4) Maurirtius
40. "SWADHAR" is a scheme of Government of India for?
1) Unique identification number
2) Self employment scheme for youth
3) Women in difficult circumstances
4) Old age pension
41. If a Panchayat is dissolved, elections are to be held within
1) One month 2) Three months 3) Six months 4) One year
42. Which part of the Constitution of India refers to the responsibility of the state towards International Peace and Security?
1) Fundamental Rights 2) Directive Principles
3) Preamble 4) None of these
43. MSME stands for?
1) Mission for Strengthening Medium Enterprises
2) Micro, Small and Medium Enterprises
3) Mission for Standardisation of Multiple Enterprises
4) None of these
44. What does AICTE stand for?
1) All India Council for Technical Education
2) All India Centre for Technical Education
3) AU India Centre for Training and Education
4) None of the above
45. Human beings can hear the sound range between?
1) 10 to 20 decibels 2) 100 to 150 decibels
3) 50 to 60 decibels 4) None of these
46. Who was the first Indian to be elected to the British House of Commons?
1) Dadabhai Naoroji 2) Mahadev Govind
3) B.R. Ambedkar 4) Madan Mohan Malaviya
47. Which city is known as the Garden City of India?
1) Kolkata 2) New Delhi 3) Srinagar 4) Bengaluru
48. PON, RQP, TSR, VUT, ?
1) WUY, YXZ 2) UWV, ZXY 3) UVW, ZYX 4) XWV, ZYX
49. Velocity of sound is minimum in?
1) Steel 2) Vacuum 3) Water 4) Air
50. What is the capital of Democratic Republic of Congo?
1) Abuja 2) Kinshasa 3) Addis Ababa 4) Knartoum

51. Which of the following is not connected with BRICS?
1) China 2) Brazil 3) Russia 4) Israel
52. An Ant can see the objects all around it due to the presence of ?
1) Simple eyes 2) Eyes over its head
3) Well developed eyes 4) Compound eyes
53. Which one of the following is the weakest force?
1) Gravitational Force 2) Electromagnetic Force
3) Nuclear Force 4) Electrostatic Force
54. What does the term "Fawazil" used during Sultanate period mean?
1) Extra-payments made to the Nobles
2) Revenue assigned in lieu of salary
3) Excess amount paid to the exchequer by Iqtadars
4) Illegal amount extracted from the peasants
55. MNREGA is?
1) A new missile developed by DRDO
2) A saving scheme of Post Office
3) An Act for guaranteeing minimum days of employment in rural India
4) None of these
56. Fiscal Deficit is?
1) Gap between the value of exports and imports
2) Gap between total receipts minus external borrowings
3) Gap between total expenditure and total receipts of the government
4) None of the above
57. The average attendance of a college for the first three days of a week is 325 and first four days is 320. How many were present on the fourth day?
1) 300 2) 315 3) 350 4) 305
58. Who among the following decides whether a Bill is a Money bill?
1) The Finance Minister
2) The Chairman of the Rajya Sabha
3) The President of India
4) The Speaker of the Lok Sabha
59. Which is the capital of South Africa?
1) Egypt 2) Pretoria 3) Johannesburg 4) Rome
60. The frequency of sound waves can be expressed in?
1) Second 2) Cycle 3) Cycle per second 4) Metre per second
61. 'Histology' is the study of?
1) Bones 2) Coins 3) Tissues 4) History

62. A mixture of sand and salt can be separated by?
1) Sublimation
2) Sieving
3) Dissolving salt water and then filtration
4) Dissolving salt in water and then distillation
63. The words 'Satyameva Jayate' have been taken from?
1) Vedas
2) Bhagwad Gita
3) Mundaka Upanishad
4) Mahabharata
64. CE, FI, JL, MP, QS, _?_
1) TV, WY
2) TV, XY
3) TW, XZ
4) TV, XZ
65. A and B can do a piece of work in 12 days. B and C can do in 15 days. C and A can do in 20 days. In how many days, will C alone can finish the work separately?
1) 30
2) 20
3) 60
4) None
66. The ratio of cost price and selling price of an article is 20 : 21. What is the profit percent on it?
1) 5%
2) 6.25%
3) 7.5%
4) None
67. Who authored the book 'Hind Swaraj'?
1) Subhash Chandra Bose
2) M.K. Gandhi
3) Jawahar Lal Nehru
4) Gopal Krishna Gokhale
68. Hampi is situated on the banks of which River?
1) Krishna
2) Cauvery
3) Tungabhadra
4) Godavari
69. $(1694 \div 11) + (2568 \div 8) - (534 \div 6) =$
1) 384
2) 385
3) 386
4) 387
70. In which list is 'Education' included in India?
1) Union
2) State
3) Concurrent
4) UGC
71. Which Article of the Indian Constitution is related with Abolition of Untouchability?
1) 71
2) 14
3) 17
4) 41
72. 336, 224, 168, 140, 126, ?
1) 119
2) 118
3) 116
4) None
73. Full form of FERA is?
1) Foreign Exchange Rules Act
2) Foreign Exchange Registration Act
3) Foreign Exchange Regulation Act
4) None of the above
74. Which of the following is the lowest ratio?
1) 7 : 13
2) 17 : 25
3) 7 : 15
4) 15 : 23
75. $3251 + 587 + 369 - ? = 3007$
1) 1250
2) 1300
3) 1375
4) 1200

76. Sachar Committee is related with?
1) Social, Economic and Educational status of Muslim Community in India
2) Social, Economic and Educational status of Scheduled castes in India
3) Social, Economic and Educational status of Scheduled Tribes in India
4) None
77. How many Articles did we have in our original constitution?
1) 400 2) 410 3) 443 4) 395
78. If after 3 days of tomorrow is Friday, what day was three days before yesterday?
1) Friday 2) Thursday 3) Monday 4) None of these
79. Find the highest common factor of 36 and 84 is?
1) 4 2) 6 3) 12 4) 18
80. Birsa Munda stadium is located in?
1) Jamshedpur 2) Bilaspur 3) Raipur 4) Ranchi
81. 4, 6, 9, 14, 21, ?
1) 30 2) 31 3) 32 4) None
82. One horse power is equal to?
1) 523 watts 2) 746 watts 3) 816 watts 4) 719 watts
83. In which of the following state Teesta Urja Hydro Power Projects is proposed to be set up?
1) Arunachal Pradesh 2) West Bengal
3) Meghalaya 4) Sikkim
84. The longest cell in human body is?
1) Skeletal cells 2) RBC 3) Nerve cells 4) WBC
85. Complete the number series from options given below.
195, 175, 150, 120,
- 1) 85 2) 90 3) 95 4) 80
86. Who was the first woman to win Sahitya Academy Award?
1) Mahasweta Devi 2) Amrita Pritam
3) Mahadevi Verma 4) Indira Goswami
87. 'Commercial Papers' are issued by?
1) A Company to a Bank 2) A Bank to a Company
3) Bank to Bank 4) None of these
88. Who was the president of India at the time of proclamation of emergency in the year 1976?
1) V.V. Giri 2) Gyani Zail Singh
3) Fakhruddin Ali Ahmad 4) Shankar Dayal Sharma
89. Who was the first Indian bowler to take Hat - Trick in Test Cricket?
1) Kapil Dev 2) Anil Kumble
3) Ravi Shastri 4) Harbhajan Singh

90. Which of the following kingdoms was founded by Raja Odeyar?
1) Tanjore 2) Jenji 3) Mysore 4) Madurai
91. When you eat Carrot, you are eating?
1) Root 2) Stem 3) Leaf 4) Fruit
92. The concept of 'Welfare State' is defined in?
1) Preamble 2) Fundamental Rights
3) Directive Principles 4) Fundamental Duties
93. National Institute for the Visually handicapped is situated in?
1) Kolkata 2) Hyderabad 3) Dehradun 4) Mumbai
94. National Institute of Homeopathy is at?
1) Kolkata 2) Jaipur 3) Chennai 4) Bengaluru
95. Who was the first Secretary-General of United Nations?
1) Trygve Lie 2) Dag Hammerskjold
3) U Thant 4) None of these
96. If the mass of a solid is doubled, its density?
1) becomes two times 2) becomes half
3) remains unchanged 4) becomes four times
97. In India, political parties are given recognition by?
1) President 2) Law Commission
3) Speaker of Lok Sabha 4) Election Commission
98. The shape of our Galaxy Milky way is?
1) Elliptical 2) Circular
3) Spiral 4) None of these
99. Where was Shivaji born?
1) Raigad 2) Shivneri 3) Torna 4) Panhala
100. Average of 15 numbers is 7. Out of them the average of first 8 numbers is 6.5 and the average of last eight numbers is 9.5. The middle number is?
1) 21 2) 22 3) 23 4) None

ANSWERS

1-3; 2-4; 3-2; 4-4; 5-2; 6-2; 7-1; 8-2; 9-3; 10-2; 11-1; 12-3; 13-2; 14-1; 15-2; 16-1; 17-3; 18-4; 19-2; 20-4; 21-2; 22-3; 23-3; 24-2; 25-1; 26-3; 27-2; 28-2; 29-4; 30-4; 31-3; 32-3; 33-3; 34-3; 35-1; 36-3; 37-2; 38-2; 39-2; 40-3; 41-3; 42-2; 43-2; 44-1; 45-4; 46-1; 47-4; 48-4; 49-2; 50-2; 51-4; 52-2; 53-1; 54-1; 55-3; 56-1; 57-4; 58-4; 59-2; 60-4; 61-3; 62-4; 63-3; 64-3; 65-3; 66-1; 67-2; 68-3; 69-3; 70-3; 71-1; 72-1; 73-3; 74-3; 75-4; 76-1; 77-4; 78-3; 79-3; 80-4; 81-1; 82-2; 83-4; 84-3; 85-1; 86-3; 87-2; 88-3; 89-4; 90-3; 91-1; 92-3; 93-3; 94-1; 95-1; 96-1; 97-4; 98-2; 99-2; 100-3.

This model paper was prepared by subject experts of Race Institute, Hyderabad.