

Railway RRB : Model Paper 4

1. Which is an accessory element to make chlorophyll in plants?

- (A) Calcium
- (B) Magnesium
- (C) Manganese
- (D) Chlorine

2. Speed of the sound is maximum in which of the following medium?

- (A) Liquid
- (B) Gas
- (C) Solid
- (D) All medium have same speed

3. Kolar gold mines are located in which of the following State?

- (A) Andhra Pradesh
- (B) Kerala
- (C) Karnataka
- (D) Tamilnadu

4. Ashok Mehta Committee is related to which of the following?

- (A) Centre – State relationship
- (B) Banking reforms
- (C) Economic reforms
- (D) Panchayati raj

5. Find out the odd one.

- (A) (8, 25)
- (B) (19, 56)
- (C) (13, 40)
- (D) (22, 67)

6. Which chemical is present in nail polish remover?

- (A) Ethyl alcohol
- (B) Methyl alcohol
- (C) Acetone
- (D) Benzene

7. The halogen which is most reactive is —

- (A) Chlorine
- (B) Fluorine
- (C) Bromine
- (D) Iodine

8. Which of the following contains maximum percentage of nitrogen?

- (A) Ammonium sulphate
- (B) Ammonium carbonate
- (C) Ammonium cyanide
- (D) Urea

9. Influenza disease is caused by —

- (A) Bacteria
- (B) Algae
- (C) Fungi
- (D) Virus

10. The final product of photosynthesis is —

- (A) Carbohydrates
- (B) Oxygen
- (C) Carbon dioxide
- (D) Water

11. In a class of 35 students Ram got 7th Rank from last. What is his Rank from start?

- (A) 28
- (B) 27
- (C) 29
- (D) 30

12. If yesterday was Thursday then when will be Sunday?

- (A) Tomorrow
- (B) Day after tomorrow
- (C) Three day after today
- (D) None of these

13. Mohan starts from his house and goes 4 km in north direction. then turns Right and goes 2km. Further turns Right 6 km and then goes 2km. Right. Find the distance from his house?

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

14. Find out the odd one.

- (A) 8
- (B) 27
- (C) 100
- (D) 64

15. A and B are Brothers. E is the daughter of F. F is the wife of B. What is the relation of E with A?

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- (A) Sister
- (B) Daughter
- (C) Niece
- (D) Mother

16. Chose the option which belongs to given set given set (3, 9, 27)

- (A) (2, 8, 26)
- (B) (2, 4, 8)
- (C) (4, 10, 30)
- (D) (5, 25, 100)

17. T is taller than only S. R is taller than P. P is taller than S. Who is second tallest?

- (A) T
- (B) R
- (C) P
- (D) S

18. Which is the longest distance travelling train in India?

- (A) Himsagar Express
- (B) Kanyakumari Express
- (C) Vivek Express
- (D) Deccan Express

19. Who shifted the capital of Mughal empire from Agra to Delhi?

- (A) Akbar
- (B) Jahangir
- (C) Shahjahan
- (D) Humayun

20. If the difference between SI and CI for 2 years is 4 Rs. and Principal is 2500 Rs. then find out the rate of Interest?

- (A) 3%
- (B) 4%
- (C) 5%
- (D) 8%

21. The area of Chola dynasty was —

- (A) Coromandel coast and some area of Deccan
- (B) Malabar area
- (C) Vijaynagar area
- (D) Area of Deccan plateau

22. The radius of hemisphere is 7 cm. find the total surface area of hemisphere?

- (A) 442

- (B) 462
- (C) 408
- (D) 168

23. A can do a piece of work in 10 days and B can do same piece of work in 5 days they start together two day B left the work then in how many days A complete the remaining work?

- (A) 3
- (B) 4
- (C) 2
- (D) 2.5

24. Sachin is younger than Ram by 2 years if their ages are in the respective ratio of 7 : 9, how old Ram is?

- (A) 14
- (B) 18
- (C) 27
- (D) 9

25. Simplify -

$$12.05 \times 5.4 \div 0.6 - .45$$

- (A) 118
- (B) 112
- (C) 108
- (D) 106

26. What is the full form of SIDBI?

- (A) Small Industrial Development Bank of India
- (B) Small Institutional Development Bank of India
- (C) Small Industries and Department of Bank of India
- (D) Small Industries Development Bank of India

27. Where is Indian Diamond Institute situated?

- (A) Kolkata
- (B) Ahmedabad
- (C) Surat
- (D) Jodhpur

28. 8, 12, 24, 60, ?, 630

- (A) 110
- (B) 180
- (C) 170
- (D) 160

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29. Who decides whether a bill is a money bill or not?

- (A) President
- (B) Prime Minister
- (C) Finance Minister
- (D) Speaker of the Lok Sabha

30. BOATS : HGZLY :: STREAM : ?

- (A) HGIVZN
- (B) NZVJGH
- (C) NZVIGH
- (D) NZIVRK

31. 8, 52, 13, 47, 18, 42, 23, ?, 28

- (A) 33
- (B) 37
- (C) 39
- (D) 36

32. 8, 27, 64, ?, 216, 343

- (A) 97
- (B) 105
- (C) 125
- (D) 107

33. When the Speaker of the Lok Sabha vacates his post?

- (A) When Lok Sabha is dissolved
- (B) When president tells to do so
- (C) After the constitution of the next Lok Sabha
- (D) When Rajya Sabha passes resolution in this regard

34. List price of an article at a showroom is Rs. 2000 and it is being sold at successive discounts of 20% and 10% Its net selling price will be.

- (A) 1400
- (B) 1440
- (C) 1520
- (D) 1700

35. In the first five-year plan which sector has been given highest priority?

- (A) Agriculture
- (B) Industries
- (C) Employment generation
- (D) Infrastructure development

36. Who was the first election commissioner of India?

- (A) G V Mavlankar
- (B) Hukum Singh
- (C) Sukumar Sen
- (D) M A Ayyangar

37. How many times 2 comes between 1 to 100?

- (A) 19
- (B) 18
- (C) 20
- (D) 21

38. Who propounded the 'Drain of Wealth' theory?

- (A) Dadabhai Naoroji
- (B) G K Gokhale
- (C) Lala Lajpat Rai
- (D) Surendra Nath Banerjee

39. Which one of the following is correctly matched?

- (A) Ellora – Shakas
- (B) Meenakshi Temple – Pallavas
- (C) Khajuraho – Chandelas
- (D) Mahabalipuram – Rashtrakutas

40. If radius of circle is increased by 10% then find the percent increment in area of circle?

- (A) 10%
- (B) 11%
- (C) 20%
- (D) 21%

41. Shahjahan built Moti Masjid in which city?

- (A) Jaipur
- (B) Agra
- (C) Delhi
- (D) Lahore

42. Vasco da Gama was the inhabitant of—

- (A) Holland
- (B) America
- (C) France
- (D) Portugal

43. If product of two numbers is 2160 and their HCF is 6 then find the ratio of HCF to LCM?

- (A) 1 : 60
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- (B) 60 : 1
- (C) 21 : 60
- (D) 60 : 21

44. Which of the following is associated to personal liberty?

- (A) Mandamus
- (B) Certiorari
- (C) Habeus corpus
- (D) Prohibition

45. Which is the capital of Sudan?

- (A) Baku
- (B) Khartoum
- (C) Male
- (D) Rwanda

46. Which of the following State became the first State to make gender education compulsory at graduate level?

- (A) Andhra Pradesh
- (B) Karnataka
- (C) Tamilnadu
- (D) Telangana

47. Which variety of coal is known as brown coal?

- (A) Peat
- (B) Lignite
- (C) Bituminous
- (D) Anthracite

48. Nati is the folk dance of which of the following State?

- (A) Uttar Pradesh
- (B) Andhra Pradesh
- (C) Himachal Pradesh
- (D) Madhya Pradesh

49. What is the new target of solar power generation by 2022 set by the central government?

- (A) 20,000 MW
- (B) 10,000 MW
- (C) 50,000 MW
- (D) 1,00,000 MW

50. On which date Indian Army Day is celebrated?

- (A) 12 January
- (B) 16 January
- (C) 15 January
- (D) 26 January

51. Bokaro and Bhilai are famous for which of the following industries?

- (A) Iron and Steel
- (B) Chemical
- (C) Glass
- (D) Cotton Textile

52. Railway is included in which list of the Indian Constitution?

- (A) Union list
- (B) State list
- (C) Residuary list
- (D) Concurrent list

53. If the internal angle of a polygonal is 144° , then find the external angle of same polygonal?

- (A) 10°
- (B) 36°
- (C) 18°
- (D) 54°

54. Fill the blanks.

a _ _ a _ b _ a a b _ b

- (A) a b b a b
- (B) b a b a b
- (C) bb a a b
- (D) a b a b a

55. Fill the blanks.

c _ _ c _ e _ d e

- (A) ddec
- (B) eded
- (C) dedc
- (D) edcd

56. Which is leap year ?

- (A) 1800
- (B) 1900
- (C) 1600
- (D) All

57. Find the odd one.

3, 5, 7, 9, 11, 13

- (A) 7
- (B) 9

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- (C) 11
- (D) 13

58. Find the odd one.

- (A) Light - heavy
- (B) Big - small
- (C) Male - female
- (D) Crime – Allegation

59. Find the odd one.

- (A) Tongue
- (B) Nose
- (C) Teeth
- (D) Ear

60. Plant : Tree :: Girl : ?

- (A) Lady
- (B) Wife
- (C) Child
- (D) Male

61. Food : Hunger :: Sleep : ?

- (A) Dream
- (B) Tiredness
- (C) Night
- (D) Health

62. Ram sells one article making 20% profit on selling price and second article on making 20% loss on the same selling price. Find the percentage profit or loss on whole trade.

- (A) 4% profit
- (B) 4% loss
- (C) 8% profit
- (D) No loss - No profit

63. Doctor : Hospital :: Cook : ?

- (A) Kitchen
- (B) Knife
- (C) Food
- (D) Warehouse

64. L : 15, M : 14, P : 11, S : ?

- (A) 10
- (B) 9
- (C) 8
- (D) 7

65. C A G E K I O M _ _

- (A) SQ
- (B) US
- (C) QS
- (D) OQ

66. 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. 65 per kg?

- (A) 3 : 7
- (B) 7 : 3
- (C) 4 : 3
- (D) 3 : 4

67. Which of the following area Mrinalini Sarabhai was associated to?

- (A) Music
- (B) Classical dance
- (C) Politics
- (D) Literature

68. Which city is the first global telecom city of India?

- (A) Hyderabad
- (B) Bangalore
- (C) Chennai
- (D) New Delhi

69. Changing of water vapour into water is known as —

- (A) Sublimation
- (B) Evaporation
- (C) Excretion
- (D) Condensation

70. If $0.13 \div p^2 = 13$ then P equals

- (A) .01
- (B) 0.1
- (C) 10
- (D) 13

71. When India Post started speed post service to compete with the courier service?

- (A) 1985
- (B) 1987
- (C) 1986
- (D) 1988

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72. If the average of five consecutive even numbers is 26 then find the sum of first and last number?

- (A) 52
- (B) 50
- (C) 54
- (D) 56

73. Vessel A contains Acid & Water in 5 : 2 and vessel B contains Acid & Water in 8 : 5 then in which ratio both vessels A and B mixed to get a new mixture having the ratio of 9 : 4.

- (A) 7 : 2
- (B) 2 : 7
- (C) 7 : 4
- (D) 4 : 7

74. Which of the following country is known as the Country of Pagoda?

- (A) Malaysia
- (B) Myanmar
- (C) Mauritius
- (D) Bhutan

75. In which of the following schedule of the Indian Constitution the provision of panchayati raj is being given?

- (A) Schedule 9
- (B) Schedule 10
- (C) Schedule 11
- (D) Schedule 12

76. In which year for the first time estate tax has been imposed in India?

- (A) 1957
- (B) 1951
- (C) 1977
- (D) 1980

77. Which of the following act replaced FERA?

- (A) PETA
- (B) FEMA
- (C) SAFTA
- (D) NAFTA

78. What are planktons?

- (A) Forest
- (B) Comet
- (C) Organism which is food to aquatic animals

(D) Artificial satellite

79. The difference between Indian standard time and Greenwich mean time is —

- (A) 5 hours 30 minutes
- (B) 4 hours 30 minutes
- (C) 5 hours 20 minutes
- (D) 6 hours 30 minutes

80. The silver currency 'Tanka' of medieval period was started by —

- (A) Allauddin Khilji
- (B) Qutabuddin Aibak
- (C) Iltutmish
- (D) Balban

81. In which year Kakori conspiracy case took place?

- (A) 1920
- (B) 1925
- (C) 1928
- (D) 1930

82. The Jain Acharya who was honoured by Akbar was —

- (A) Yashobhadra
- (B) Pushpdanta
- (C) Harivijay Suri
- (D) Chandraprabh Suri

83. What is MRI?

- (A) Magnetic resonance in Intestine
- (B) Magnetic Record of Intestine
- (C) Magnetic Resonance Imaging
- (D) Magnetic Record Investigation

84. The chief constituent of cotton is —

- (A) Protein
- (B) Glycerine
- (C) Fatty Acid
- (D) Cellulose

85. Which Delhi sultan imposed Jizya tax on Brahmins?

- (A) Balban
- (B) Firoz Tughlaq
- (C) Alauddin Khilji
- (D) Muhammad Bin Tughlaq

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86. Which of the following is the highest peak of south India ?

- (A) Nilgiri
- (B) Anamudi
- (C) Doddabetta
- (D) Mahendragiri

87. Who was the Mughal emperor of India when East India company was established in London?

- (A) Akbar
- (B) Jahangir
- (C) Shahjahan
- (D) Aurangzeb

88. Which of the following is not a Kharif Crop?

- (A) Groundnut
- (B) Mustard
- (C) Maize
- (D) Cotton

89. Which of the following river is known as biotic desert due to pollution?

- (A) Ganga
- (B) Yamuna
- (C) Kosi
- (D) Damodar

90. Percentage of water in an adult human body is –

- (A) 75%
- (B) 65%
- (C) 55%
- (D) 30%

91. Itai-Itai disease is caused by –

- (A) Mercury
- (B) Cadmium
- (C) Glass
- (D) Nickel

92. In any language, RAM is coded as IZN, NOR is coded as MLI; then how TOM will be coded in that language?

- (A) NLJ
- (B) NLG
- (C) GLN
- (D) JLN

93. If the perimeter of a rectangle is increased by 20%, by how much percent its area will increase?

- (A) 20%
- (B) 44%
- (C) 40%
- (D) None of these

94. If 'black' is called 'red', 'red' is called 'yellow', 'yellow' is called 'green', 'green' is called 'white' and 'white' is called 'orange'; then what is the colour of blood?

- (A) Red
- (B) Green
- (C) White
- (D) Yellow

95. Choose the odd one out:

- (A) Meghalaya
- (B) Manipur
- (C) West Bengal
- (D) Nagaland

96. If INDIA is written as 125, how BHUTAN will be written in that language?

- (A) 126
- (B) 180
- (C) 216
- (D) 251

97. A man goes 4 km east and after that he turns right and goes 5 km. Then he turns left and moves another 5 km. Which direction is he facing now?

- (A) East
- (B) West
- (C) North
- (D) North-east

98. If in any language ENTRY is coded as 12345 and STEADY is coded as 931785, then how ARREST will be coded in that language?

- (A) 744589
 - (B) 166479
 - (C) 744193
 - (D) 745194
-

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99. The diagonals of a rhombus are 30 cm and 40 cm long. What will be the side of the rhombus?

- (A) 25 cm
- (B) 30 cm
- (C) 20 cm
- (D) 35 cm

100. If '+' means '÷', '-' means '×', '×' means '+' and '÷' means '-' then find out the value of $36 + 3 \times 4 \div 2 - 3$?

- (A) 39
- (B) 24
- (C) 34
- (D) 29

Answers

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

Hints And Solutions

5. All the other pairs follow the pattern of $*3+1$

11. Required rank = $35+1-7 = 29$

12. Today is Friday; hence day after tomorrow will be Sunday.

14. All the other numbers are the cubes of a number.

17. Tallness in descending order R P, S, T