

## Railway RRB : Model Paper 4

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**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 gamma was the inhabitant of —**

- (A) Holand
- (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  $144^\circ$ , then find the external angle of same polygonal?**

- (A)  $10^\circ$
- (B)  $36^\circ$
- (C)  $18^\circ$
- (D)  $54^\circ$

**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

**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