Railway RRB Model Paper - 6

1. National Highway 1 connects ----
(A) Mumbai to Kolkata
(B) Delhi to Amritsar
(C) Delhi to Kolkata
(D) Mumbai to Delhi

2. Which is the longest river of SouthIndia?
(A) Cauvery
(B) Krishna
(C) Godavari
(D) Mahanadi

3. The country which is the largest producer of milk in the world is _____.
(A) India
(B) USA
(C) China
(D) Brazil

4. Which chemical substance is present in tobacco?
(A) Morphine
(B) Quinine
(C) Heroine
(D) Nicotine

5. Who among the following had shown maximum retaliation against the British?
(A) Sikhs
(B) Rajputas
(C) Marathas
(D) Mughals

6. Who imposes income tax?
(A) State Government
(B) Central Government
(C) Reserve Bank of India
(D) Either Central Government or State Government

7. Where is Waterloo situated?
(A) France
(B) Germany
(C) England
(D) Canada

8. By which instrument purity of milk is measured?
(A) Galvanometer
(B) Calorimeter
(C) Pyrometer
(D) Lactometer

9. Who among the following had not participated in the battle of 1857?
(A) Bhagat Singh
(B) Tatya Tope
(C) Nana Sahib
(D) Rani Lakshmibai

10. What is the position of India in terms of population?
(A) Fifth
(B) Second
(C) Seventh
(D) Tenth

11. Sunrise project has been launched to prevent
(A) Ebola
(B) AIDS
(C) Anemia
(D) Hepatitis – B

12. Which state has decided to fine the persons who spit on the road?
(A) Gujarat
(B) Haryana
(C) Maharashtra
(D) Delhi

13. World's first maritime conference will be held in–
(A) India
(B) USA
(C) France
(D) Australia

14. Which of the following was announced by clement Attlee in parliament?
(A) Limited franchise to Indians
(B) The composition of the cabinet mission
(C) Decision to free India
(D) Charter of India's mandate

15. For which disease's treatment radioactive Iodine is used?

(A) Skin disease
(B) Blood cancer
(C) Hemophilia
(D) Thyroid disease

16. Which mineral is necessary for the formation of hemoglobin Pigment?
(A) Cl
(B) Fe
(C) I
(D) K

17. Personal account cannot be opened at
(A) Cooperative bank
(B) Reserve Bank of India
(C) Foreign private bank
(D) Commercial bank

18. In India, the most famous Location for shipbuilding is _____.
(A) Visakhapatnam
(B) Bhavnagar
(C) Mumbai
(D) Goa

19. World's first rail system was established in
(A) USA
(B) India
(C) France
(D) UK

20. Which of the following is related with "Doldrum"?
(A) Calm and light winds area near the equator
(B) Specific region of Pacific ocean
(C) Ocean flow
(D) Ocean monsoon wind

21. Which element is abundantly found on the crust after iron and oxygen?
(A) N
(B) AI
(C) Si
(D) Zn

22. Which was the most important city of Sangamera?
(A) Arikamedu
(B) Kaveripattanam
(C) Puhar

(D) Madurai

23. According to Article 170(1) the minimum number of members in the state assembly is.
(A) 60
(B) 70
(C) 80
(D) 50

24. What is the objective of combining choke in series in fluorescent light tubes?
(A) To prevent sparking
(B) To increase Voltage
(C) To stabilize electric current
(D) To reduce power factor

25. "Fleming's left–hand rule" is used to determine
(A) The current flow direction of the magnetic field
(B) The direction of induced current due to impact of magnetic field
(C) The direction of current motion in magnetic field.
(D) None of these

26. Which fungus is used in production of bread?
(A) Saccharomyces
(B) Aspergilius
(C) Penicillin
(D) Azotobacter

27. Which chemical is used for preservation of foods?
(A) Sodium chloride
(B) Sodium benzoate
(C) Potassium permanganate
(D) Boric acid

28. In which organization "Forward market commission of commodity market" was merged?
(A) RBI
(B) BSE
(C) NSE
(D) SEBI

29. From which pass Jammu - Sri Nagar route passes?

(A) Ship keela
(B) Banihal
(C) Peerpanjal
(D)Zojila

30. Who will host the winter Olympics – 2018?
(A) South Korea
(B) Australia New Zealand
(C) Japan
(D) UK

31. "Directive principles of state policy" of Indian constitution are taken from _____.
(A) Canada
(B) UK
(C) Ireland
(D) USA

32. Which is the first Indian state providing reservations in government jobs in favor of HIV positive candidates?
(A) Delhi
(B) Karnataka
(C) Kerala
(D) Gujarat

33. "Modern supersonic Bramhos missile technology" of India is developed in collaboration with
(A) USA
(B) Russia
(C) France
(D) Japan

34. Which institute is responsible for the distribution of finance between centre and states of India?
(A) Finance ministry
(B) Finance commission
(C) RBI
(D) LokSabha

35. "Central institute of Indian languages" is located at?
(A) Mysore
(B) Varanasi
(C) Hyderabad
(D) Ujjain

36. "Akshada program" is associated with which of the following?
(A) Social security
(B) Education
(C) Nutrition & poverty
(D) Maternal-infant health

37. Which part of body is responsible for the production of urea?
(A) Kidney
(B) Liver
(C) Heart
(D) Spleen

38. Cyclotron is a device which
(A) Provides energy charged particles.
(B) Measures the pollution level of vehicles
(C) Takes a three dimensional picture
(D) Analyzes the amount of water vapour in the atmosphere

39. "Gadar Party" was established by
(A) LalaHardayal in 1913
(B) V.D Savarkar in 1915
(C) VallabhBhai Patel in 1919
(D) Liaquat Ali in 1931

40. Generally asteroids are found between.
(A) Mars and Venus
(B) Earth and Mercury
(C) Mars and Jupiter
(D) Jupiter and earth

41. The purpose of Indian constitution is reflected by
(A) Directive principles of state policy
(B) Preamble of the constitution
(C) Fundamental rights
(D) Moral duty

42. Which of the following are regulated by Air conditioner in a room?
(A) Temperature
(B) Pressure and temperature
(C) Humidity and temperature
(D) Humidity, Pressure & temperature

43. Which of the following element is found in chlorophyll?
(A) Fe

(B) Cu
(C) Mg
(D) Mn

44. Which place of India is the original home of Toda tribe?
(A) NilgiriHills
(B) GaroHills
(C) JaynityaHills
(D) Himalayan mountain range

45. Which ocean does contain most salinity water?
(A) Red Sea
(B) Dead Sea
(C) Mediterranean Sea
(D) Caspian Sea

46. The rate at which the reserve bank of India lends to commercial banks for short term is called
(A) Repo Rate
(B) Reverse Repo Rate
(C) Primary Credit
(D) Capital Reserve Rate

47. Dandi March by Mahatma Gandhi was a part of:
(A) Non cooperation movement
(B) Civil Disobedience movement
(C) Quit India movement
(D) Home Rule movement

48. "Ryder Cup" is associated with
(A) Baseball
(B) Basketball
(C) Football
(D) Golf

49. "Eco mark" is frequently used in products which is
(A) Pure and Unadulterated
(B) Economical
(C) Environment friendly
(D) High value product

50. Where is "National Enviromental Engineering Research institute" located?
(A) Nagpur
(B) Poona
(C) Lucknow
(D) New Delhi

51. If '+' means '−', '×' means '÷', '÷' means '+' and '−' means '×', then which of the following will be the value of expression?
$56 \times 7 + 2 \div 6 - 12$
(A) 0
(B) 144
(C) 121
(D) 36

52. B is the father of Q. B has only two children. Q is the brother of R. R is the daughter of P. A is the granddaughter of P. S is the father of A. How is S related to Q?
(A) Son
(B) Brother
(C) Brother - in -law
(D) Sister - in – law

53. Present age of A and B are in the ratio of 5 : 4 respectively. Three year hence the ratio of their ages will become 11 : 9 respectively. What is A's present age ?
(A) 24 year
(B) 30 year
(C) 32 year
(D) 40 year

54. In the following questions insert the missing number
3, 16, 42, 81, ?, 198
(A) 98
(B) 128
(C) 133
(D) 148

55. In the following questions insert the missing number
1, 3, 6, 11, ?, 29
(A) 16
(B) 21
(C) 22
(D) 18

56. In the following questions insert the missing number
2, 6, 18, 54, ?
(A) 162

(B) 148
(C) 108
(D) 216

57. KAVERI : VAKIRE : : MYSORE : ?
(A) SYMOER
(B) SYMREO
(C) SMYERO
(D) SYMERO

58. A goes to 8 km in the north from his house. Now, turning to the left, he goes to 15 km. How far he is from his house?
(A) 23 km
(B) 19 km
(C) 17 km
(D) 21 km

59. Following questions are based on the five three digit numbers given below
519   364   287   851   358
If the positions of the first and the third digits within each number are interchanged
Which of the following will be the second digit of second lowest number?
(A) 8
(B) 6
(C) 5
(D) 1

60. Following questions are based on the five three digit numbers given below
519 364 287 851 358
If the positions of the first and the third digits within each number are interchanged
Which of the following is the difference between the second digit of the lowest and the highest of these numbers?
(A) 5
(B) 3
(C) 4
(D) 1

61. Find that word which cannot be formed by using the letters of the given word.
CONSTRUCTION
(A) COINS
(B) MOTION
(C) STRUCT
(D) CAUTION

62. Find out the odd one.
(A) Eye
(B) Ear
(C) Skin
(D) Hand

63. A man bought a cycle for Rs. 250. For how much should he sell it so as to gain 12%?
(A) 282
(B) 292
(C) 272
(D) 280

64. The greatest number of four digits which is divisible by 15, 25, 40 and 75 is
(A) 9600
(B) 9000
(C) 9800
(D) 9400

65. The average weight of 8 person's increases by 2.5 kg when a new person comes in place of one of them weighing 65 kg. What might be the weight of new person?
(A) 75 kg
(B) 85 kg
(C) 88 kg
(D) 78 kg

66. A starts a business with Rs. 2000. B joins him after 3 months with Rs. 4000. C puts a sum of Rs. 5000 in the business for 4 months only. At the end of year, the business gave a profit of Rs. 8000. Find out the profit of C.
(A) Rs. 2400
(B) Rs. 3600
(C) Rs. 2000
(D) Rs. 2800

67. If the price is increased by 10% and the sale is decreased by 5%, then what will be the effect on income?
(A) Increases by 5%
(B) Decreases by 5.3%
(C) Increases by 4.5%
(D) Decreases by 4.5%

68. Find the length of a bridge which a train 130 m long, traveling at 90 km an hour, can cross in 15 sec.

(A) 375 m
(B) 245 m
(C) 275 m
(D) 300 m

69. Find the area of a rhombus one of whose diagonals measures 8 cm and the other 10 cm.
(A) 80 cm^2
(B) 60 cm^2
(C) 50 cm^2
(D) 40 cm^2

70. The volumes of two cubes are in the ratio of 8 : 125. Then find the ratio of Surface areas
(A) 2 : 5
(B) 5 : 2
(C) 4 : 25
(D) 25 : 4

71. 300 gm of sugar solution has 40% sugar in it. How much sugar should be added to make it 50% in the solution?
(A) 60 gm
(B) 55 gm
(C) 30 gm
(D) 75 gm

72. Find the circumference of a circle whose area is 154 cm^2.
(A) 54 cm
(B) 44 cm
(C) 38 cm
(D) 48 cm

73. Read the following information carefully and answer the questions given below it.
P is the son of Q. R, Q's sister has a son S and daughter T. U is the maternal uncle of S.
How is P related to S?
(A) Cousin
(B) Uncle
(C) Nephew
(D) Sister

74. Read the following information carefully and answer the questions given below it.
P is the son of Q. R, Q's sister has a son S and daughter T. U is the maternal uncle of S.
How is T related to U?
(A) Niece

(B) Sister
(C) Wife
(D) Daughter

75. n a certain code language, 'kexahu de' means 'She is eating apples', 'ketequ' means 'She buys mango' and 'su li de' means 'I eat apples'.
Which word in that language means 'apples'?
(A) su
(B) li
(C) ke
(D) de

76. In a certain code language, 'kexahu de' means 'She is eating apples', 'ketequ' means 'She buys mango' and 'su li de' means 'I eat apples'.
Which word in that language means 'I buys mango'?
(A) tequxa
(B) xaquhu
(C) tequsu
(D) quxake

77. A walks 20 m towards north. Then he turns left and walks 40 m. He again turns left and walks 20 m. Further he moves 20 m after turning to the right. how far is he from his original position?
(A) 20 m
(B) 60 m
(C) 40 m
(D) 30 m

78. MADE : LNZBCEDF : : EASY : ?
(A) DFZBTUVW
(B) DEBATUVW
(C) DFZBRTXZ
(D) DFZBTRXZ

79. SHIFT : HSITF : : ENTER : ?
(A) NETER
(B) NERET
(C) NETFE
(D) NETRE

80. 19587 × 736 + 264 × 19587 = ?
(A) 16573500
(B) 14865608

(C) 19587000
(D) 19857000

81. A and B can complete a piece of work in 18 and 12 days respectively. They start working together. After 3 days B left the work, in how many days A complete the remaining work?
(A) 10.5
(B) 13
(C) 7
(D) 7.5

82. A train can travel 50% faster than a car. Both start at same time and reach 75 km away at the same time. However on the way train stops for 12.5 minutes. Find the speed of car?
(A) 150 kmph
(B) 120 kmph
(C) 100 kmph
(D) 130 kmph

83. n the first 10 overs of a cricket game, the run rate was only 4.2. What should be the run rate in the remaining 40 overs to reach the target of 292 runs?
(A) 6.25
(B) 6.50
(C) 6.75
(D) 5.75

84. The ratio between the length and breath of a park is 3 : 2. If a man cycling along the boundary of the park at the speed of 15 km/hr completes one round in 8 minutes then the length of park is-
(A) 400 m
(B) 700 m
(C) 500 m
(D) 600 m

85. In what ratio must a grocer mix two varieties of pulses costing Rs 16 and 24 per kg respectively So as to get a mixture work Rs 21 per kg?
(A) 5 : 3
(B) 7 : 3
(C) 3 : 7
(D) 3 : 5

86. The sum of ages of 5 children born at the intervals of 3 years each is 50 years. What is the age of the youngest child?
(A) 5 years
(B) 8 years
(C) 4 years
(D) 7 years

87. The ratio of sides of a triangle is 3 : 4 : 5 and area of triangle is 216 m^2. Find the perimeter of triangle?
(A) 82 m
(B) 72 m
(C) 92 m
(D) 102 m

88. Find the difference between compound interest and simple interest of Rs 5800 for 2 years at 10% per annum?
(A) Rs 58
(B) Rs 29
(C) Rs 87
(D) Rs 116

89. If '+' means '×', '×' means '• ÷', '−' means '+' and '÷' means '−' then find the value of
$20 \times 4 + 5 - 13 \div 8$
(A) 28
(B) 30
(C) 35
(D) 26

90. In following questions find the correct order of words according dictionary
(1) Sale (2) Selection (3) Selfish (4) Seldom (5) Sender
(A) 1, 2, 3, 5, 4
(B) 5, 4, 3, 1, 2
(C) 1, 4, 2, 3, 5
(D) 2, 3, 1, 4, 5

91. In following questions find the correct order of words according dictionary
(1) Task (2) Turn (3) Tune (4) Tire (5) Told
(A) 1, 2, 3, 4, 5
(B) 5, 4, 2, 3, 1
(C) 1, 4, 5, 2, 3
(D) 1, 4, 5, 3, 2

92. The marked price of a bicycle is Rs. 1100/- After giving a discount of 10% shopkeeper gets a profit of 10% find the cost price of bicycle.
(A) Rs. 1000/-
(B) Rs. 891/-
(C) Rs. 900/-
(D) Rs. 1084/-

93. From the alternatives, select the set which is most like the given set. Given set (23, 29, 31)—
(A) (17, 21, 29)
(B) (31, 37, 49)
(C) (13, 15, 23)
(D) (41, 43, 47)

94. Assam :Dispur : : Gujrat : ?
(A) Surat
(B) Ahmedabad
(C) Gandhinagar
(D) Bhopal

95. Sum & Difference of two numbers are 27 and 3 respectively. Find out the product of numbers?
(A) 150
(B) 180
(C) 176
(D) 186

96. 18 26 30 38 42 ? 54
(A) 46
(B) 58
(C) 50
(D) 48

97. 125 216 343 ? 729 1000
(A) 618
(B) 578
(C) 678
(D) 512

98. If $1^3 + 2^3 + 3^3 + \ldots\ldots\ldots + 10^3 = 3025$ then find out the value of $2^3 + 4^3 + 6^3 + \ldots\ldots + 20^3$?
(A) 12100
(B) 9075
(C) 24200
(D) 6050

99. Find the product of LCM & HCF of numbers 38 and 18?

(A) 684
(B) 774
(C) 784
(D) 874

100. Difference between two positive numbers is 3. If the sum of their squares are 369 then find out the sum of the numbers?
(A) 33
(B) 27
(C) 43
(D) 23

Answers

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

Solutions :

53. Let the present age of A & B are 5x & 4x

5x+3   =   11

4x+3   =   9

x = 6

∴ A's present age = 5 × 6 = 30 year

54. The series is +13, +26, +39 and so on.

55. The series is +2, +3, +5, and so on (+next prime number).

56. The series is *3, *3 and so on.

57. KAVERI   MYSORE

VAKIRE   SYMERO

62. All other are sense organs.

64. LCM of 15, 25, 40 and 75 is 600

Four digit greatest number is 9999

Dividing 9999 by 600 we get 399 as remainder

∴ Number = 9999 – 399 = 9600

65. Weight of New person = 65 + 8 × 2.5

= 85 kg

68. Let the length of bridge is x m

x + 130 = 375

x = 245 m

71. So remaining solution = 180 gm

∴ Sugar should be 180 gm

∴ added quantity of sugar = 180 – 120 = 60 gm

79. SHIF T   E N T E R

HSITF   N E T R E

80. 19587 × 736 + 264 × 19587

= 19587 (736+264)

= 19587 * 1000 = 19587000

86. Let the age of youngest child is x

∴ x + (x + 3) + (x + 6) + (x + 9) + (x + 12) = 50

∴ x = 4 years

93. Set of prime numbers.

94. Second is the State capital of the first.

95. x + y = 27

x – y = 3

∴ x = 15, y = 12

So x × y = 15 × 12 = 180

96. In the series 12 is added to get the next alternate number.

97. 5^3 6^3 7^3 8^3 9^3 10^3

125   216   343   512   729   1000

98. $2^3 + 4^3 + 6^3 + ... + 20^3$

$= 2^3 [1 + 2^3 + 3^3 + ... + 10^3]$

$= 8 [3025] = 24200$

99. Product of numbers = LCM × HCF

$38 \times 18 = LCM \times HCF$

$684 = LCM \times HCF$