RRB SET 5

1. The temples of Khajuraho were built by

a. Chandeles

b. Chalukyas

c. Qutubuddin

d. Khilji

2. 'Zafar namah' wrote by

a. Guru Teg bahadur

b. Guru Har govind

c. Guru Nanak

d. Guru Govind Singh

3. During which movement was 'Mahatma' added before Gandhiji's name?

a. Simon commission

b. Pitt's India act

c. Partition of Bengal

d. Champaran Satyagrah

4. Which right conferred buy Constitution of India is also available for non-citizen?

a. Right to constitutional remedies

b. Right to vote

c. Freedom of speech

d. N.O.T.

5. Ajanta painting belongs to which period?

a. Lodhi period

b. Maurya period

c. Mughal period

d. Gupta period

6. First sultan to set up permanent standing army of Delhi sultanate?

a. Alauddin Khilji

b. Firoj Tuglaq

c. Chandragupta Maurya

d. Chitragupta

7. President can ask for advisory opinion of the Supreme Court as per article___

a. 143

b. 21

c. 32

d. 135

8. Protection from double jeopardy is provided under which article?

a. Art 22

b. Art 19

c. Art 20

d. Art 32

9.Union ministers are appointed by

a. Prime minister

b. President

b. Loksabha

d. Governer

10. How many ministers can be nominated by president in Loksabha?

a. 12

b. 6

c. 2

d. 1

11. The first ever women's Ballon d'Or was won by_____

a. Ada hederberg

b. Lucy Bronze

c. Alex Morgan

d. Kelly Smith

12. Nitin Gadkari inaugurated a 1210 meter span-bridge over which river in Jammu and Kashmir?

a. Ravi

b. Satluj

c. Jhelum

d. Chenab

13. Who was appointed as the AICC's general secratery for uttar Pradesh east?

a. Ajay Singh

b. Ashok gehlot

c. Priyanka Gandhi

d. None of these

14. ISRO recently launched a satellite made by students is named as___

a. Smallsat

b. Kalamsat

c. Microsat-R

d N.O.T.

15. Who has won the record 7th time Australian open men's single title?

a. Rafael Nadal

b. Novak Djokovic

c. Roger federer

d. Messi

16. Soda bottles are mad up of thick glass so that they can withstand the

a. Temperature in winter

b. pressure in summer

c. increase in potential energy

d. none of these

17. The S.I.unit of _____ is sieman/meter

a. conductivity

b. resistivity

c. conductance

d. resistance

18. Which of the following is not an ore of iron?

a. Magnetite

b. Siderite

d. Lemonite

d. Milarite

19. Which aluminium salt is commonly used to stop bleeding ?

a. Aluminium chloride

b. Aluminium nitrate

c. Aluminium sulphate

d. Potash alum

20. Which of the following diseases is caused by bacteria?

a. Ringworm

b. Polio

c. Cancer

d. Cholera

21. Which of the following alloy is used for making magnets for hearing aids?

a. Nichrome

b. Monel metal

c. Alnico

d. Invar

22. Avogadro's law shows relationship between ___.

a. Volume and number of molecules

b. Temperature and number of molecules

c. Pressure and number of molecules

d. N.O.T.

23. Which of the following is abiotic component?

a. Plant

b. Animal

c. Decomposer

d. Soil

24. Headquarter of Central institute for cotton research is located in

a. Gujrat

b. Benglore

c. Gujrat

d. Maharashtra

25. Fine solid particles suspended in air is called as

a. Emulsion

b. Gel

c. Foam

d. Aerosol

26. Conservation of species in their natural habitat is

a. In situ conservation

b. Ex situ conservation

c. Ex vivo conservation

d. N.O.T.

27. DNA contains_____

a. pentose sugar

b. hexose sugar

c. erythrose sugar

d. sedoheptulose sugar

27. Ginger is a modified_____.

a. root

b. stem

c. tendril

d. leaf

28. Decibel is the unit of

a. intensity of heat

b. frequency of sound

c. intensity of sound

d. radio wave frequency

29. Noise is measured in

a. Celsius

b. joule

c. decibel

d. REM

30. Which of the following is used for sunglasses?

a. Pyrex glass

b. crooks glass

c. crystal glass

d. flint glass

31. A boat will submerge when it displaces water equal to its own

a. weight

b. volume

c. mass

d. area

32. Sound cannot pass through:

a. solid

b. liquid

c. gas

d. vacuum

33. Electricity is transmitted over long distances because

a. it is fast

b. it is safer

c. it is cheaper

d. there is less wastage of energy

34. Density of water is maximum at

a. 4^0F

b. 4^0C

c. 12K

d. 0^0C

35. Lens is made up of

a. Pyrex glass

b. Flint glass

c. Ordinary glass

d. Fibers

36. Photon is a fundamental unit of

a. magnetism

b. electricity

c. current

d. light

37. Galvanization is

a. deposition of tin on iron

b. deposition of zinc on iron

c. deposition of copper on iron

d. deposition of aluminium on iron

38. Ruby and sapphire are oxides of

a. Al   b. Sn   c. Zn   d. W

39. Which is the natural colloid?

a. NaCl   b. Urea

c. Cane sugar   d. Blood

40. Which one is greenhouse gas?

a. Nitrogen   b. Helium

c. SO_2 d. CO_2

41. The major cause of top soil being lost due to soil erosion is:

a. Thermal inversion

b. westerly winds

c. deforestations

d. cattle grazing

42. Who discovered the sea route to India?

a. Vasco da Gama

b. Magellan

c. Diaz

d. Columbus

43. Bleaching powder is used in drinking water as

a. disinfectant

b. antiseptic

c. antibiotic

d. coagulant

44. Cell:Cytology::Bird:?

a. Etymology

b. Mycology

c. Odontology

d. Ornithology

45. 6,9,15,24,39,?

a. 63

b. 115

c. 48

d. 42

46. Choose odd one out

a. 111   b. 242

c. 551   d. 383

47. Monotony:Variety::Crudeness:?

a.simplicity

b. raw

c. sobriety

d. refinement

48. X is in east of Y which is in the north of Z. If P is in the East of Z then in which direction of X is P?

a. South

b. West

c. South-west

d. South-east

49. 27:9::64:?

a. 4

b. 16

c. 8

d. 32

50. Which one is a meaningful order of the following?

      1. wood   2. Nature   3. furniture   4. Forest   5. Tree

a. 5,1,2,4,3

b. 2,4,5,1,3

c. 5,1,3,4,2

d. 4,3,2,1,5

51. There are five houses A,B,C,D,O in a row. A is right to B and left to C. O is right to A,B is right to D. Which house is in the middle?

a. A

b. C

c. D

d. O

52. Raman's position is 16th from top and 49th from bottom in his class. The total no. of students in the class is

a. 63

b. 65

c. 64

d. 66

53. A runs faster than B but not as fast as C who is slower than D. Who is the fastest runner?

a. A

b. B

c. C

d. D

54. Suresh is 7 ranks ahead of Ashok in the class of 39 students. If Ashok's rank is 17th from the last, suresh's rank from the start is

a. 17

b. 16

c. 19

d. 14

55. M is son of P. Q is the granddaughter of O , who is the husband of P. How is M related to O?

a. father

b. son

c. daughter

d. mother

56. A is D's brother. D is B's Father. B and C are sisters. How is A related to C?

a. father

b. son

c. uncle

d. grandson

57. 56+63=17 and 45+54=11 then 48+56=?

a. 11

b. 12

c. 13

d. 16

58. A clock with only dot marking 3,6,9 and 12 positions has been kept upside down the mirror . A person reads time in the reflection as 6:10. The real time is

a. 06:50

b. 12:20

c. 12:40

d. 06:40

59. If the day before yesterday was Thursday, when will Sunday be?

a. Today

b. Tomorrow

c. day after tomorrow

d. N.O.T.

60. In a solid cube which is made up of 27 small cubes, two opposite sides are painted red, two painted yellow and the other two with white. How many cubes have two colour?

a. 6

b. 10

c. 12

d. 16

61. **statements**

      All girls are brave.

      All girls are athelete.

  Conclusions

      1. All Girls are brave.

      2. Some athletes are girls.

a. Both conclusions follow.

 b. none of the conclusions follow.

c. only conclusions 1 follow.

d. only conclusions 2 follow.

62. Choose the appropriate symbols for which 12_ 3_ 4_ 8 =0

a. -++

b. ÷++

c. ---

d. ÷ + −

63. select odd one out ?

a. 25

c. 225

c. 65

d. 49

64. select odd one out ?

a. father

b. grand son

c. nephew

d. niece

65. SNHW:UOJX::DPLT:?

a. FQMU

b. FQNU

c. EQMU

d. EQNV

66. The following equation is incorrect. Which two signs should be interchanged to correct the equation?

$$20 + 14 \div 35 - 10 * 12 = 10$$

a. $+ and *$

b. $+ and \div$

c. $- and +$

d. $\div and +$

67. 7,12,19,28,39,?

a. 50

b. 51

c. 52

d. 53

68. Which among the following is a century leap year?

a. 2012

b. 2000

c. 2004

d. 1996

69. Of four numbers whose average is 60, the first is $1/4^{th}$ of sum of last three. The first no. is:

a. 42

b. 48

c. 52

d. 56

70.

1	4	?
4	2	5
2	2	3
49	64	169

a. 3

b. 4

c. 5

d. 8

71. The HCF of two no. is 5 and LCM is 10. If one no. is 2 then other no. is___

a. 25

b. 20

c. 5

d. 10

72. All the values of K for which $x^2-kx+9=0$ has real and distinct roots is

a. -6<k<6

b. K>6

c. K<-6

d. both b and c

73. If CP of 25 article is equal to SP of 20 articles, then in a whole transaction there is a profit of _____%.

a. 20

b. 25

c. 15

d. 30

74. The 7th term of the series 3,6,12.........

a. 384

b. 96

c. 192

d. 18

75. Alok's school bus picks him up from his home. Then it takes one left and two right turn to reach his school. If the bus is facing North west when it reaches the school, which direction was the bus facing at his home ?

a. north

b. south

c. south east

d. south west

76. The largest no. which divides 72 and 125, leaving remainder 7 and 8 respectively is

a. 7

b. 52

c. 13

d. 900

77. Find the missing no. from the given alternatives:

        14:49::18:?

a. 63

b.56

c. 59

d. 85

78. C is married to A, sister of D. B is the father of E, who is the son of D. G is the sister of E. How G is related to C?

a. uncle

b. sister-in-law

c. Niece

d. Nephew

79. A clock is placed on the table in such a way that at 5:15 pm, the minute hand points to south. In which direction the hour hand will point at 7:30pm?

a. west

b. north west

c. north

d. east

80. The average age of A and B is 30 year and that of B and C is 26 years. The difference of ages of A and C is_____yr.

a. 4

b. 8

c. 12

d. 10

81. A sum of money lent out at simple interest amounts to Rs. 720 after 2 year and Rs. 1020 after a further period of 5 yr. The rate of interest is_____%.

a. 5

b. 10

c. 15

d. 20

82. $\frac{1}{p} + \frac{1}{q} = \frac{1}{p+q}$, then the value of $p^3 - q^3$ is:

a. pq

b. p-q

c. 0

d. 1

83. Rakesh went to 20m east, then he turned left and after walking 15 m turned right and went 25 m and then turned right and went 15 m. How far is Rakesh from starting point?

a. 45m

b. 25 m

c. 40m

d. 20m

84. The shadow of a tower when the angle of elevation of the sum is 45^0, is found to be 10 m longer than when it was 60^0. The height of the tower is_____m.

a. $10(\sqrt{3}+1)$

b. $5(\sqrt{3}+1)$

c. $5(\sqrt{3}+3)$

d. $10(\sqrt{3}+3)$

85. What are the factors of $x^2 + 4y^2 + 4y - 4xy - 2x - 8\ is$____.

a. (x-2y-4)(x-2y+2)

b. (x-2y-4)(x-2y-2)

c. (x-2y-4)(x+2y+2)

d. (x+2y+4)(x-2y+2)

86. 72:90::156:?

a. 184

b. 168

c. 182

d. 176

87. $x+\frac{1}{x} = 2$, then $x^{2013} + \frac{1}{x^{2019}}$ is

a. 1

b. -1

c. 0

d. 2

88. Find odd one

a. EHJ

b. JML

c. PSR

d. VYX

89. On 6th march, 2005, Monday falls. What was the day of week on 7th march,2004?

a. Tuesday

b. Sunday

c. Monday

d. Wednesday

90. The present age of father is 3 yr more than three times the age of his son . 3 yr hence, father's age will be 10 yr more than twice the age of son. The father's present age is_____yr.

a. 30

b. 32

c. 33

d. 35

91. If a no. is increased by 10% and the resulting no. is again increased by 10% then the total increase in the no. is _____ %.

a. 44

b. 21

c. 12

d. 11

92. Myopia is same as

a. long sightedness

b. near sightedness

c. astigmatism

d. presbiopia

93. The chemical symbol for tungsten is

a. W

b. Tn

c. Na

d. Ta

94. A shopman bought pens at the rate of 7 for Rs. 10and sold them at a profit of 40%. How many pens would a customer get for Rs. 10?

a.2

b. 5

c. 4

d. 1

95. A man covers total distance of 100km on a bicycle. For the first two hour the speed was 20kmph and for the rest of the journey it was 10kmph. The average speed is _____ kmph.

a. 10

b. 12

c. 12.5

d. 15

96. A sum doubles itself in 16 yr. Then in how many yr will it triple itself if rate of interest is simple?

a. 20

b. 24

c. 38

d. 32

97. The head mirror used by ENT doctors is

a. plano-convex

b. convex

c. concave

d. plane

98. Select odd one out?

a. DWEV

b. KPLO

c. PKQI

d. HSIR

99. Sum of two no. is thrice their difference. The ratio is

a. 1:2

b. 2:1

c. 1:1

d. 2:3

100. A bus is running with a uniform speed of 37kmph. What distance will be covered by the bus in 8 hour?

a. 286km

b. 296km

c. 186km

d. 156km