SAHODAYA SCHOOL COMPLEX KANNUR
TALENT SEARCH EXAMINATION
2022-23

Time : 120 minutes   Marks : 100

General Instructions:

- Answer all questions
- Choose the most suitable answer and mark in the OMR Sheet.
- Each question carries one mark

1. Which of the following factors affects the climate of a place?

   (a) Altitude   (b) Location   (c) Distance from the sea   (d) All of these

2. The largest negative integer is

   (a) -10000   (b) 1   (c) -1   (d) None of these

3. Kites_____last year also

   (a) flew   (b) flown   (c) were flown   (d) did fly

4. Which is the venue of the ISRO human space flight expo?

   (a) New Delhi   (b) Bengaluru   (c) Karnataka   (d) Vishakapattanam

5. The solution of $12\,p - 5 = 25$ is

   (a) $\frac{5}{2}$ (b) $\frac{-5}{2}$ (c) $\frac{2}{5}$ (d) $\frac{-2}{5}$

6. The first state to receive monsoon rainfall is

   (a) Kerala   (b) Assam   (c) Andhra Pradesh   (d) Tamil Nadu

7. Choose the correct alternative?

   Moon : Satellite:: Earth :

   (a) Sun   (b) Planet   (c) Solar system   (d) asteroid

8. After six months you can also speak in English_____me

   (a) around   (b) like   (c) without   (d) about

9. The first newspaper in Malayalam (Rajyasamacharam) was published from

   (a) Thalassery   (b) Taliparamba   (c) Kozhikode   (d) Palakkad

10. (-1) x (-2) x (-3) x (-4) =_____

   (a) 24   (b) -24   (c) 1234   (d) -1234

11. Dodder is an example of

   (a) Saprotroph   (b) Parasite   (c) Autograph   (d) heterotroph

12. After a day's work they slept_____

   (a) slowly   (b) soundly   (c) severely   (d) severally

13. The 14th Vice President of India

   (a) Venkayya Naidu   (b) Jagadeep Dhankar

   (c) Margarat Alwa   (d) Dr. S. Radhakrishnan

14. Find which one word cannot be made from the letters of the given word UNCONSCIOUS

   (a) SON   (b) COIN   (c) SUN   (d) NOSE

15. 2.7 ÷100 =_____

   (a) 0.027   (b) 0.27   (c) 270   (d) 27.0

16. Insectivorous plants trap insects and use them as a source of

   (a) Oxygen   (b) Magnesium   (c) Nitrogen   (d) Calcium

17. Choose the correct suffix

   Be care_____, else you will burn your hands.

   (a) ful   (b) less   (c) ness   (d) ing

18. The countries that are set to host the 2023 Women's FIFA world cup are ?

   (a) Brazil and Argentina   (b) Australia and New Zealand

   (c) Japan and Indonesia   (d) Argentina and Canada

19. Choose the mode of the data 12, 4, 6, 6, 3, 7, 7, 6

   (a) 12   (b) 3   (c) 7   (d) 6

20. Which part of its body does the starfish take out to eat the captured prey?

   (a) Tongue   (b) Stomach   (c) Tentacles   (d) Pseudopodia

21. Do you agree_____him on this matter?

   (a) to   (b) for   (c) with   (d) on

22. The great Mughal King who respected all religions and founded a new religion was ?

   (a) Shajahan   (b) Akbar   (c) Humayun   (d) Jahangir

23. The sum of angles in a linear pair is_____

   (a) 0^0 (b) 90^0 (c) 180^0 (d) 360^0

24. There are_____number of incisors in each jaw

   (a) 2   (b) 6   (c) 4   (d) 8

25. Red and white_____my favourite colours

   (a) are   (b) is   (c) was   (d) were

26. The author of 'Satanic Verses' is

   (a) R.K. Narayanan   (b) Salman Rushdi

   (c) Kamala Das   (d) Arundathi Roy

27. $\frac{3}{7}$ of $\frac{14}{9}$ = _____

   (a) $\frac{3}{2}$ (b) $\frac{42}{61}$ (c) $\frac{2}{3}$ (d) $\frac{17}{16}$

28. Dentine is present in

   (a) tooth   (b) tongue   (c) oesophagus   (d) stomach

29. The keys_____I had left on the table are missing

   (a) that   (b) who   (c) whose   (d) whom

30. Which is known as the Fifth Veda?

   (a) Rigveda   (b) Yajurveda   (c) Samaveda   (d) Mahabharatha

31. A ribbon of length $5\frac{1}{4}$ m is cut into pieces each of length $\frac{3}{4}$ m. Number of pieces will be____

   (a) 4   (b) 5   (c) 6   (d) 7

32. All of the following are temperature scales except

   (a) Celsius   (b) Kelvin   (c) Pascal   (d) Fahrenheit

33. The next number in the pattern -62, -37, -12........is

   (a) 25   (b) 13   (c) 0   (d) -13

34. Pick out the word spelt correctly from the list.

   (a) tuition   (b) tution   (c) tuiton   (d) tuton

35. In which Indian state is the Chilka Lake situated?

   (a) Gujrat   (b) Odisha   (c) Tamilnadu   (d) Kerala

36. The length of a rectangle is three times its width. If the perimeter of the rectangle is 96 m, find the

length of the rectangle.

(a) 36 m   (b) 12 m   (c) 40 m   (d) 26 m

37. The finger-like outgrowth of Amoeba help to ingest foood. However the finger-like outgrowths of human intestine help to

(a) absorb the digested food   (b) make the food soluble

(c) digest the fatty food   (d) absorb the undigested food

38. Replace the underlined word in the sentence with the word which is closest to its meaning.

I have called Simon to fix my computer.

(a) repair   (b) focus   (c) attach   (d) arrange

39. Burma is the old name of_____

(a) Nepal   (b) Myanmar   (c) Bhutan   (d) Mangolia

40. If two adjacent angles are supplementary, they form

(a) Corresponding angles   (b) Vertically opposite angles

(c) linear pair   `(d) a ray

41. Which of the following organisms clean the surface of earth ?

(a) Autotrophs   (b) Decomposers   (c) Heterotrophs   (d) Parasites

42. Kamal is_____university student

(a) an   (b) the   (c) a   (d) none of these

43. The Bird Man of India

(a) Indhuchoodan   (b) Salim Ali   (c) JC Bose   (d) Chandrasekhar

44. The median of 2, 3, 5, 2, 3, 6, 2, 4, 8, is_____

(a) 6   (b) 2   (c) 3   (d) 5

45. _____ is the method to prevent rust

(a) Crystallisation   (b) Radiation   (c) Chromatography   (d) Galvanisation

46. Pick out the synonym of 'safe' from the list of options

(a) danger   (b) loss   (c) dangerous   (d) secure

47. What will be the range of the following data?

32, 41, 28, 54, 35, 26, 33, 27, 39, 46

(a) 28   (b) 54   (c) 39   (d) 41

48. China rose indicator is turned green by a solution. The solution is____

    (a) Acidic   (b) basic   (c) Neutral   (d) Starch

49. Sahiba went to the_____to get her eye glasses checked

    (a) dentist   (b) plumber   (c) electrician   (d) optician

50. If A is coded as Z, B is coded as Y, C is coded as X, then BED will be coded as

    (a) YVW   (b) YUW   (c) ZVW   (d) YVZ

51. The product of additive inverse of -3 and multiplicative inverse of 6 is____

    a) -18   (b) $\frac{1}{2}$ (c) $\frac{-1}{2}$ (d) 18

52. Which of the following phenomena does not involve convection?

    (a) Flow of electricity in a conducting wire

    (b) Sea breeze

    c) Cooling of water in a pool

    d) Land Breeze

53. _____I watched a movie with my friends

    (a) Tomorrow   (b) Yesterday   (c) Soon   (d) Still

54. Which Indian state is surrounded on three sides by Bengladesh

    (a) Nagaland   (b) Assam   (c) Sikkim   (d) Tripura

55. $3\frac{1}{4} \div \frac{1}{4}$ = _____

    (a) 3   (b) 4   (c) 12   (d) 13

56. Neha was performing an experiment bare handed, When the experiment was over, she realized that her palms became slippery and slimy. What do you think is the reason for it?

    (a) She must have dropped Sodium hydroxide on her hands

    (b) She must have dropped Sulphuric acid on her hands

    (c) She must have dropped Sodium Chloride on her hands

    (d) She must have dropped distilled water on her hands

57. Dr. Mani is the_____doctor in the hospital

    (a) best   (b) better   (c) good   (d) bad

58. The partition of India took place in the year_____

    (a) 1948   (b) 1946   (c) 1947   (d) 1949

59. The fraction that lies between $\frac{4}{9}$ and $\frac{5}{9}$ is

(a) $\frac{1}{2}$ (b) $\frac{1}{18}$ (c) 0   (d) $\frac{7}{18}$

60. Which of the following is not a chemical change?

(a) Burning of wood   (b) Making of dough

(c) Curdling of milk   (d) Rotting of apple

61. The Sikhs fought <u>with courage</u> against the Mughals. Substitute the underlined words with suitable adverbs

(a) Courageously   (b) Couragily   (c) Couragingly   (d) None

62. Who introduced English Education in India?

(a) Lord William Bentick   (b) Lord Dalhousie

(c) Lord Warren Hastings   (d) Lord Conwallis

63. What is the probability of selecting a vowel from the word MANGO?

(a) $\frac{1}{5}$ (b) $\frac{2}{5}$ (c) $\frac{3}{5}$ (d) $\frac{4}{5}$

64. Which among the following is the fastest process of heat transfer ?

(a) Insulation   (b) Conduction   (c) Convection   (d) Radiation

65. It is a wonderful painting. Where_____you get it from?

(a) do   (b) have   (c) did   (d) has

66. The first Indian woman to go to space

(a) Sunitha Williams   (b) Kalpana Chawla

(c) Sally Ride   (d) Valantina Thereshkova

67. Choose the average of first five even numbers

(a) 3   (b) 4   (c) 5   (d) 6

68. Organisms other than plants containing chlorophyll are

(a) Protozoa   (b) algae   (c) Virus   (d) fungi

69. Harry ran away_____he was afraid

(a) so   (b) if   (c) till   (d) because

70. The founder of Sikhism

(a) Guru Arjun Dev   (b) Guru Nanak

(c) Guru Gobind Singh   (d) Guru Arjun Singh

71. The equation $\frac{4}{x} + 2 = 6$ is true when x is

    (a) 1   (b) -1   (c) 4   (d) 12

72. Human body takes in food by a process known as

    (a) assimilation   (b) ingestion   (c) egestion   (d) digestion

73. Choose the plural form of knife

    (a) Knife   (b) Knifs   (c) Knives   (d) none of these

74. $0.05325 \div 0.005 =$ _____

    (a) 1.065   (b) 0.1065   (c) 106.5   (d) 10.65

75. Basic soil can be corrected by adding

    (a) Urea   (b) Nitric acid   (c) Organic manure (d) Formic acid

76. They _____in the party

    (a) was dancing   (b) dance   (c) is dancing   (d) were dancing

77. In a linear pairs of angles if one angle is 65^0, what is the measure of the other angle?

    (a) 115^0 (b) 105^0 (c) 25^0 (d) 35^0

78. Oral rehydration solution is provided for patients suffering from

    (a) small pox   (b) diarrhoea   (c) conjunctivitis   (d) Liver disorder

79. Choose the correct reported speech of "Veena says she likes dancing"

    (a) Veena says that she liked dancing   (b) Veena said that she liked dancing

    (c) Veena says that she likes dancing   (d) None of the above

80. Interior pair of angle on the same side of the transversal are

    (a) equal   (b) complementary (c) supplementary (d) vertically opposite

81. What is the cause of change of weather ?

    (a) sun   (b) moon   (c) planet   (d) satellite

82. Ajay is the_____boy in the class

    (a) more talkative   (b) talkative   (c) most talkative   (d) talktivest

83. If two complementary angles are in the ratio 4:5 then the bigger angle is

    (a) 40^0 (b) 30^0 (c) 50^0 (d) 10^0

84. Iodine test is done to indicate presence of

    (a) Starch   (b) Vitamin   (c) fat   (d) Protein

85. Choose the sentence written in past perfect tense

(a) We had finished our homework   (b) We are finishing our home work

(c) We have finished our homework   (d) We will finish our homework

86. A die is rolled, What is the probability of getting 4?

(a) 0   (b) 1   (c) $\frac{1}{2}$ (d) $\frac{1}{6}$

87. Who was the leader of African National Congress ?

(a) Barak Obama   (b) Nelson Mandela   (c) Abraham Lincoln   (d) Karl Marx

88. When is the International Non-violence Day

(a) 24 th October   (b) 2nd October   (c) 5th September   (d) 30 th January

89. He said 'her eyes were diamonds'. The figure of speech used here is

(a) Simile   (b) Metaphor   (c) Alliteration   (d) Personification

90. A boy wants to run 5km. There is a circular track which is ¼ km length. How many times does he have to run in order to complete 5 km ?

(a) 30   (b) 23   (c) 20   (d) 12

91. Name the bacteria that fixes atmospheric nitrogen.

(a) Rhizobium   (b) Coli   (c) Coccus   (d) Vibrio

92. Yash is 21 st position in a class of 51 boys, what is his position from the end?

(a) 27   (b) 31   (c) 29   (d) 28

93. The currency of Russia

(a) Yen   (b) Ruble   (c) Dinar   (d) Dollar

94. One_____legs and several_____legs

(a) tables and table   (b) table's and tables'

(c) table and table   (d) table and table's

95. The Education Minister of Kerala

(a) Chinju Rani   (b) K. Sivankutty   (c) Veena George   (d) Muhammed Riyas

96. The acid present in Vinegar is_____

(a) Lactic acid   (b) Citric acid   (c) Formic acid   (d) Acetic acid

97. Father's age is 35 years more than his son's age. After 5 years father's age will be twice of his son's age. Find the present age of father.

(a) 50 years   (b) 55 Years   (c) 65 Years   (d) 60 Years

98. I love my parents. Identify the type of underlined noun.

(a) proper -noun   (b) common noun   (c) abstract noun   (d) collective noun

99. Who founded 'Din Ilahi'?

(a) Ashoka   (b) Akbar   (c) Jahangir   (d) Aurangazeb

100. The false feet of amoeba are used for

(a) movement only   (b) capture of food only

 (c) movement and capture of food   (d) exchange of gases only