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. Choose the passive form from the given options.

    The girl has brought some toffees

    (a) Some toffees has brought by the girl   (b) Some toffees have been brought by the girl

    (c) Some toffees has been brought by the girl   (d) Some toffees were brought by the girl

2. Which of the following materials is the best for making garments and jacket that can be used in wet or damp environment

    (a) Polyster   (b) Wool   (c) Cotton   (d) Jute

3. In a parallelogram if the opposite sides are 5x-1 and 3x+5 find x

    (a) 2   (b) 3   (c) 4   (d) 5

4. The only mangrove forest in the world inhabited by tiger

    (a) Florida   (b) Sundarbans   (c) Chitwan and Bandiya   (d) Batia

5. Choose the passive form from the given options the gardener is planting a tree

    (a) A tree is being planted by the gardner   (a) A tree has been planted by the gardner

    (c) A tree was being planted by the gardner   (d) A tree was planted by the gardner

6. What do Hyena, Blackbuck, Sambar and Hornbill represent in a forest

    (a) Flora   (b) Fauna   (c) Ecosytem   (d) Species

7. The present age of Sahil's mother is three times the present age of Sahil. After 5 years, their age will add to 66 years. Find the present age of Sahil.

    (a) 24   (b) 14   (c) 19   (d) 20

8. Who is known as the father of Economics

    (a) Karl Marx   (b) Adam Smith   (c) Herodottus   (d) Hippocrates

9. _____apple a day keeps the doctor away

(a) A   (b) The   (c) An   (d) This

10. Which among the following is a Kharif crop

(a) Wheat   (b) Gram   (c) Barley   (d) Rice

11. A polygon that have any portion of their diagonals in their exterior are called

(a) Concave   (b) Convex   (c) Triangle   (d) Square

12. What is the hobby of stamp collection called

(a) Philately   (b) Numismatics   (c) Archaelog   (d) Arithmetics

13. Re arrange the words meaningfully and choose the correct order

1. I

2. Immediately

3. Salary

4. my

5. need

(a) 43152   (b) 15432   (c) 25143   (d) 42351

14. Project Tiger was launched in

(a) 1983   (b) 1973   (c) 1987   (d) 1976

15. The sum of all interior angles of a polygon with 'n' sides is given by

(a) $(n-2) \times 90$ (b) $(n+2) \times 90$ (c) $(n-2) \times 180$ (d) $(n+2) \times 180$

16. Which is the headquarters of the International Atomic energy agency (IAEA)

(a) Geneva   (b) Vienna   (c) New York   (d) Moscow

17. Find the correctly spelt words

(a) Adversity   (b) Adverisity   (c) advarsity   (d) advercity

18. A glass plate/slide is held into the luminous part of a candle flame we can see circular blackish ring that represents

(a) Unburnt Carbon Particles   (b) formation of coal

(c) burnt carbon particle   (d) both burnt carbon particles formation of coal

19. The number of sides of a regular polygon is 15 the measure of each exterior angle is

(a) 20^0 (b) 26^0 (c) 24^0 (d) 30^0

20. Education is the manifestation of perfection already in man. Whose words are these

    (a) Rabindranath Tagore   (b) Swami Vivekannda

    (c) Mahatma Gandhi   (d) APJ Abdul Kalam

21. Identify the figure of speech

    Life is like a box of chocolates

    (a) Personification   (b) metaphor   (c) simile   (d) oxymoron

22. Choose the correct idiomatic expression

    My teacher has recovered from her illness she is now _____

    (a) down in the dump   (b) Inthe pink of health

    (c) out of her head   (d) head in the clouds

23. Substance that does not burn with a flame

    (a) LPG   (b) Camphor   (c) dry grass   (d) Charcoal

24. Find the least square number divisible by each of 8,10 and 15

    (a) 900   (b) 2500   (c) 1600   (d) 3600

25. Who wrote the famous Silappadikaram ?

    (a) Thiruvallur   (b) Kalidasa   (c) Ilango Adikal   (d) Banabhatta

26. Medicines that kill disease causing microbes

    (a) Bacteria   (b) antibiotics   (c) pathogens   (d) vaccines

27. Find the Pythagorean triplet whose one member is 20

    (a) (20, 21, 22)   (b) (20, 98, 100)   (c) (20, 99, 101)   (d) (20, 100 ,101)

28. When is UN Day observed?

    (a) 10th December   (b) I[st] December   (c) 24th October   (d) 16 [th] September

29. Choose the correct idiom

    The name_____but I can't remember what she looks like

    (a) Struck the right note   (b) Rings the bell

    (c) as fit as a fiddle   (d) face the music

30. Which of the following is not a constituent of Petroleum

    (a) Paraffin wax   (b) Iubricating oil   (c) coke   (d) petrol

31. How many digits will be there in the square root of 10201?

    (a) 2   (b) 3   (c) 4   (d) 5

32. The largest organ in the human body

    (a) heart   (b) Liver   (c) lungs   (d) skin

33. Pick out the subject from the sentence

All the boys of my class like to play football

    (a) all   (b) the boys

    (c) my class   (d) all the boys of my class

34. Which is true of Biosphere Reserves

    (a) Biodiversity and tribals are protected   (b) Research activities are undertaken

    (c) Industries are set up   (d) Mining activities are done

35. Which number lies between $\frac{1}{4}$ and $\frac{1}{3}$

    (a) 0.50   (b) 0.45   (c) 0.32   (d) 0.27

36. The state which is known as Egg bowl of India

    (a) Telengana   (b) Maharashtra   (c) Tamil Nadu   (d) Andhra Pradesh

37. Identify the type of sentence

Ram lost his bag

    (a) Statement   (b) interrogative   (c) exclamatory   (d) imperative

38. Red Data Book keeps record of

    (i) all endemic spcies   (ii) exotic species

    (iii) endangered plants   (iv) endangered animals

    (a) (i) & (ii)   (b) (ii) & (iii)   (c) (iii) & (iv)   (d) (i) & (iv)

39. What is the smallest number by which 336 has to be multiplied to make it a perfect square

    (a) 21   (b) 3   (c) 7   (d) 20

40. The author of the book 'India wins Freedom'

    (a) Dr APJ Abdul Kalam   (b) Maulana Abdul Kalam Azad

    (c) Indira Gandhi   (d) Subash Chandra Bose

41. Gulliver's Travel_____written by Jonathan Swift

    (a) is   (b) are   (c) has   (d) have

42. A disease in human beings caused by a bacteria

    (a) Anthrax SA   (b) Cov-2   (c) Monkeypox   (d) Polio

43. A dice is thrown once. What is the probability of getting number

    greater than 6

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

44. Name the Health Insurance Scheme for Government employees and pensioners in Kerala

    (a) Aaj Jeevanam   (b) Medisep   (c) Sugaayushman   (d) Thalir

45. Half of the glass_____empty

    a) were   (b) was   (c) has   (d) have

46. Which organization maintains the Red Data Book?

    a) MEF   (b) WWF   (c) IUCN   (d) UNESCO

47. To Construct a square we need to know

    (a) All interior angles   (b) Only one side length

    (c) Only one interior angle   (d) adjacent interior angles

48. Which Indian state started India's first integrated Air Ambulance system?

    (a) Kerala   (b) Karnataka   (c) Bihar   (d) Assam

49. He said to me " I am going to school" (Choose the indirect form)

    (a) He said I am going to school   (b) He told that he was going to school

    (c) He told me that he was going to school   (d) He said to me that he was going to school

50. The scientist who discovered Anthrax bacterium

    (a) Louis Pasteur   (b) Robert Koch

    (c) Edward Jenner   (d) Alexander Fleming

51. What is the sum of first twenty odd natural numbers?

    (a) 250   (b) 400   (c) 4000   (d) 2500

52. Bhangra is dance form of which state?

    (a) Rajastan   (b) Punjab   (c) Gujrat   (d) Karnataka

53. Can you write_____ this pen?

    (a) BY   (b) In   (c) with   (d) on

54. Bread mould is an example of

   (a) Bacteria   (b) Virus   (c) Fungi   (d) Algae

55. If 6578 is squared then what will be at the unit place

   (a) 8   (b) 7   (c) 6   (d) 4

56. Who was the chief architect of the Taj Mahal?

   (a) Shahjahan   (b) Ustad Ahammed Lahori   (c) Akbar   (d) Jahangir

57. She is good_____tennis

   (a) about   (b) in   (c) of   (d) at

58. The colour of non-luminous flame is

   (a) Blue   (b) Red   (c) Yellow   (d) Black

59. Which of the following is a perfect square ?

   (a) 1057   (b) 625   (c) 7928   (d) 64000

60. The Kargil Vijay Diwas 2022 was observed across India on 26th July 2022. Which of the following operations of India related to the Kargil War?

   (a) Operation Blue Star   (b) Operation Vijay

   (c) Operation Polo   (d) Operation woodrose

61. Please_____your dirty clothes before you get in

   (a) Take in   (b) Take Off   (c) Take down   (d) Take up

62. NPK fertilizers contain

   (a) Sodium, Pottasium & Phosphorus   (b) Nitrogen, Phosphorus & Potassium

   (c) Nirtogen, Pottassium & Calsium   (d) Nitrogen, Phosphorous & Calsium

63. The number of times a particular entry occurs in a data is called

   (a) Frequency   (b) Class-Interval   (c) Raw data   (d) Range

64. SCD, TEF, UGH,_____,WKL

   (a) CMN   (b) UJI   (c) VIJ   (d) IJT

65. Remember to_____the garbage before you go to bed

   (a) take out   (b) take away   (c) take through   (d) take by

66. Which of the following gives a pollution free environment when burnt?

   (a) Dung Cake   (b) Kerosene   (c) Wood   (d) Biogas

67. Which of the following is a regular quadrilateral?

(a) Square   (b) Trapezium   (c) Kite   (d) Rectangle

68. If M=13 and MAD =18 what is MADAM equal to ?

(a) 31   (b) 32   (c) 33   (d) 34

69. The soup_____good

(a) is tasting   (b) tastes   (c) taste   (d) was tasting

70. Silent Valley is in the State of _____

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

71. In a parallelogram ABCD angle A and angle B are in the ratio 1:2 find the angle measure of A

(a) 30^0 (b) 45^0 (c) 60^0 (d) 90^0

72. Umbrella: Sunshine: Ozone: ?

(a) Infrared rays   (b) Light rays   (c) Ultraviolet rays   (d) X rays

73. We_____our breakfast half an hour ago.

(a) Finish   (b) Finished   (c) Finishes   (d) Has finished

74. Which of the following tools would a farmer use to remove weeds from the field?

(a) hoe   (b) plough   (c) axe   (c) cultivator

75. The quadrilateral whose diagonals are perpendicular to each other is

(a) parallelogram   (b) rectangle   (c) trapezium   (d) rhombus

76. 4300 = BOOK, 3900 = MATE, 1600 = _____

(a) GOOD   (b) WOOD   (c) CRAB   (d) CAGE

77. Rahim and Ram_____business partners

(a) is   (b) are   (c) has   (d) have

78. Which of the following is a pair of exhaustible natural resources?

(a) Coal and soil   (b) Air and sunlight

(c) Water and Petroleum   (d) Wildlife and minerals

79. Additive inverse of $\frac{-3}{5} \div \frac{1}{4}$ is

(a) $\frac{-3}{20}$ (b) $\frac{12}{5}$ (c) $\frac{-12}{5}$ (d) $\frac{3}{20}$

80. Which is different from the other three?

(a) 28   (b) 56   (c) 63   (d) 48

81. _____the scissors in the drawer ?

    (a) Are   (b) Is   (c) Have   (d) Has

82. Natural gas mainly contains

    (a) Carbon dioxide   (b) Methane   (c) Oxygen   (d) Nitrogen

83. Out of three angles of a quadrilateral each measures 70 degress the measure of the fourth angle is

    (a) 90^0 (b) 140^0 (c) 150^0 (d) 70^0

84. Vilnius is the capital of_____

    a) Libya   (b) Luxemburg   (c) Lithuania   (d) Lebanon

85. The early bird catches the worm means

    (a) It is better to stay in bed

    (b) Birds are good at catching worms

    (c) getting up early get you worms for breakfast

    (d) If you wake up and get to work early you will succeed

86. Which among the following has the highest calorific Value

    a) Kerosene   (b) Biogas   (c) LPG   (d) Petrol

87. How many diagonals does a regular hexagon have?

    (a) 2   (b) 9   (c) 3   (d) 5

88. Slow and steady_____the race

    (a) wins   (b) win   (c) will win   (d) won

89. Which one of the following is an antibiotic

    (a) streptomycin   (b) tetracyline   (c) erythromycin   (d) all of these

90. From a well shuffled Deck of 52 playing cards what is the probability of getting a red card ?

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

91. Value of $\sqrt{0.0036}$ is

    (a) 0.6   (b) 0.06   (c) 0.006   (d) 0.0006

92. You can always_____Radha for suggestion

    (a) count up   (b) count out   (c) put on   (d) count on

93. When is Earth Day Celebrated

    (a) 22 April   (b) 20 March   (c) 18 May   (d) 26 October

94. Lactobacillus is the most common micro organism found in

(a) Yoghurt   (b) Wheat   (c) barely   (d) Meat

95. In which states of India, the famous "Hornbill forest festival is celebrated?

(a) West Bengal   (b) Kerala   (c) Nagaland   (d) Tamilnadu

96. Silvi culture is the science of

(a) growing silkworm   (b) rearing sheep   (c) forest farming   (d) bee rearing

97. Pick the adjective / adjectives
The wise handsome owl had orange eyes

(a) wise   (b) handsome

(c) owl   (d) wise, handsome orange

98. Name the process of seperating grain from chaff

(a) Threshing   (b) Winnowing   (c) Weeding   (d) Tilling

99. Ram gets 3 marks for each correct answer and loses 2 marks for each incorrect answer. He scored 18 marks out of 16 questions he attended. What was the correct number of answers?

(a) 8   (b) 10   (c) 12   (d) 6

100. Name an oilseed that is used in paint manufacture

(a) Coconut Oil   (b) Mustard Oil   (c) linseed oil   (d) Olive oil