MALAPPURAM SAHODAYA APTITUDE TEST
EXAMINATION 2016-17

Class: 9   **Date:**   **Marks : 100**

Reg. No. ☐ ☐ ☐ ☐ ☐ ☐   **Time : 2 Hrs**

1. The snake crawled ……… its whole
    a) into   b) in   c) under   c) by

2. Shemeem as well as Ranjith ….. going to the library
    a) Are   b) is   c) am   d) have

3. Fill up with appropriate sentence
    If I were the Minister of Education
    a) I will cancel all examination   b) I would have cancelled all examinations
    c) I would cancel all examinations   d) I will have cancelled all examinations

4. We live in Canada ….. 2000 to 2015
    a) Since   b) for   c) from   d) until

5. The feminine noun of 'lord'
    a) King   b) Quenn   c) Princess   d) Lady

6. The plural form of "information"
    a) Informative   b) Informatory   c) Informations   d) No change

7. Which word is the synonym of "Proximity"
    a) Popularity   b) Honesty   c) Solemnity   d) Closeness

8. Which among the following is called a board on which an artist mixes his colours.
    a) Palate   b) Palette   c) Pallet   d) Palliate

9. The idiom "at your back and call" means
    a) Without deliberation   b)Praising himself
    c) under some one's absolute control   d) under someone's protection

10. Add proper question Tag. At least he decided to quit the job……?
    a) Did he?   b) didn't he?   c) does he?   d) doesn't he?

11. Choose the correct sentence
    a) She speaks French fluently
    b) She speaks the French Fluent
    b) She speaks the French fluently
    d) She speaks French fluent

12. The passive voice of "who helped you to solve the problem"? is
    a) By who were you helped to solve the problem?
    b) By whom were you helped to solve the problem?
    c) By who was you helped to solve the problem?
    d) By whom was you helped to solve the problem?

13. One word for " a person who doubts whether God exists or not" is………..
    a) Agnostic   b) Atheist   c) Theist   d) mystic

14. In which part of the sentence is the mistake?
    a) There are   b) a pen   c) and a pencil   d) on the table

15. The faster you run,………
    a) The sooner you get tired   b) You get more tired
    b) Sooner you get tired   d) Soon you get tired

16. Who won 2016 UEFA European Football Championship
    a) Portugal   b) Spain   c) Argentina   d) Chile

17. The place known as "Queen of Deccan"
    a) Mumbai   b) Chennai   c) Madurai   d) Pune

18. "Pokkuveyil Manalil Ezhuthiyath" is the autobiography of
    a) O.N.V.Kurup   b) Thakazhi Siva Sankara Pillai

    c) Sukumar Azheekode   d) P.Kunjiraman Nair

19. Which is the oldest Dravidian language
    a) Malayalam   b) Tamil   c) Sanskrit   d) Telengu

20. "The Universe in a Nut Shell" is the look written by
    a) Ronald Roses   b) Stephen Hawkings   c) Newton   d) William Harvey

21. Mother language day is observed on
    a) January 9   b) February 21   c) March 22   d) April 7

22. The only foreign language recognized by Indian constitution
    a) French   b) Chinese   c) Nepal   d) Arabic

23. The sanctuary known as "lungs of Kochi"
    a) Mangala vanam   b) Eravikulam   c) Chinnar   d) Choolanur

24. The study of languages is called
    a) Entomology b) Philology c) Archeology   d) Spheleology

25. Weight of human brain
    a) 1.4 Kg.   b) 2 Kg   c)3 Kg.   d) 2.5 Kg

26. Louhitya is the old name of the river
    a) Yamuna   b) Brahmaputra   c) Ganga   d) Hoogly

27. Where was 'Defence Expo 2016' India's bigger ever defence exhibition
    a) Goa   b) Hyderabad   c) Pune   d) Delhi

28. "Karmabhoomi" is the resting place of
    a) Jag Jeevan Ram   b) K.R.Narayanan   c) Ghani Sail Singh   d) Rajiv Gandhi

29. U.N observed 2016 as
    a) International year of Pulses   b) International year of Water
    c) International year of Coorporation   d) International year of Biodiversity

30. Supreme Court has banned the registration of all diesel sport vehicles and luxury cars in
    a) Delhi   b) Chennai   c) Kolkatta   d) Mumbai

31. The person who received the prestigious international Human Rights Award for the year 2015
    a) Le Corbesier   b) Leo Cornelio   c) George Wittet   d) Edeerin hutens

32. Women conservation bill belongs to the article in constitution
    a) Article 112   b) Article 324   c) Article 108   d) Article 306

33. First Olympian of Kerala
    a) C.K.Niadu   b) Suresh Babu   c) J.D.Yadav   d) Sunil Wilson

34. Name the country which banned deforestation legally recently
    a) Sweden   b) Norway   c) Scot land   d) Cuba

35. Father of Indina Environmental Science
    a) K.M.Munshi   b) R.Misra   c) Pisharadi   d) Kallen Pokkudan

36. Indian's first Tsunami Museum is at …………
    a) Azheekal   b) Kanyakumari   c) Attingal   d) Kochi

37. The Currency of Denmark is………
    a) Gone   b) Pomka   c) Dinar   d) Dollar

38. How many players are there in water polo
    a) 6   b) 5   c) 7   d) 8

39. Who is the sportsman known as " Colonel"
    a) Dileep Vengsarkar   b) Saurav Ganguly   c) Gavaskar   d) Alen Macrath

40. Full form of NITI Aayog
    a) National Institute of Transforming India
    b) National Institution of Transformation India
    c) National Institute of Transform India
    d) National Institute of Transform India

41. "Sutton Place House" is the official residence of
    a) Pope   b) King of japan   c) UN Secretary   d) Pakistan President

42. Newly elected UN Secretary General Antonio Guteruss was the former prime minister of
    a) Norway   b) Austria   c) Switzerland   d) Portugal

43. Samskrithi express is the train that run as a tribute to the great personality
   a) Nehru   b) Tagore   c) Vivekanadan   d) Gokhale

44. Person who delivered the lecture in Malayalam in UNO
   a)Amrithananda Mayi   b) K.R.Narayanan   c) V.K.Krishna Menon   d) Sashi Tharoor

45. Who received the Nobel Prize for literature 2016
   a) Holmstorm   b) Oliver Hart   c) BobDylun   d) Agnus Deaton

46. Raman, Hassan, Jayan and George are going for a picnic to Coorg. The age of Hassan is 2/3 that of Raman. The age of Georg is ¾ that of Hassan. The age of Jayan is half that of George. If the age of Raman is 48. What is the age of Jayan?
   a) 8   b) 12   c) 16   d) 24

47. The average of 7 papers is 30. The average of first four papers is 30. The average of last four papers is 37.5. What is the marks of the fourth paper?
   a) 50   b) 60   c) 52   d) 40

48. Ramu takes rest for 15 minutes after studying for one hour. Hour much time will he spend for study in four hours?
   a) 3 hours 15 minutes   b) 3 hours 45 minutes   c) 3 hours   d) 3 hours 30 minutes

49. A man's salary was reduces by 10% and then reduced salary was increased by 10%. The new salary in comparison with the original salary was
   a) The same   b) 1% more   c) 1% less   d) 5% less

50. Find the smallest organism among the following by rearranging the letters
   a) NOBIS   b) NETIKT   c) IRAGFFE   d) USEOM

51. Complete the series
   NAZ, OBY, PCX
   a) QCX   b) RDW   c) QDW   d) QBW

52. Which is the odd pair of words different from the following sets?
   a) Blacksmith: Anwil   b) Carpenter : Saw
   c) Gold smith: Ornaments   d) Barber: Scissors

53. A man is facing north west. He turns 90^0 in the clockwise direction and the 135^0 in the antilock wise direction. Which direction is he facing now?
   a) East   b) West   c) North   d) South

54. Today is Monday after 63 days it will be?
   a) Monday   b) Tuesday   c) Wednesday   d) Sunday

55. In a school, 48% students play cricket, 32% students play hockey and 20% play both games. If the rest the students who do not play either game is 88. Find the total number of students in the school
   a) 100   b) 220   c)250   d)150

56. A and B are brothers. E is the daughter of F. F is the wife of B. What is the relation of E to A.
   a) Sister   b) Daughter   c) Niece   d) Sister in law

57. Vinu and Vijayan invested Rs.30,000 and Rs.40,000 respectively to set up a partnership. In one year they get Rs.42,000 profit. The amount of profit Vinu got.
    a) Rs.11,440   b) Rs.10,000   c)Rs.8,571   d) Rs.18,000

58. A certain number of people can do a work in 35 days. If there were 10 people more it could be finished in 10 days less. How many people are there?
    a) 20   b) 25   c) 30   d) 35

59. The total internal angle of a polygon is 1080^0. Then number of sides of a polygon is
    a) 7   b) 8   c) 6   d)5

60. In a rank list Fathima's rank 27th from the top and 58th from the bottom. How many students are there in the rank list?
    a) 85   b) 83   c) 87   d) 84

61. If "good and bad" is coded as 123, "bad is ugly" is coded as 245, and "good is fair" is coded as 436 then what is code for "fair".
    a) 5   b) 6   c) 4   d) 1

62. How many 8's are in the following series which is preceded by 5 and not followed by 6?
    58675866854584765586587582855588
    a) 5   b) 4   c) 6   d) 3

63. If + means ÷ , - means x, ÷ means + and x means – then 48+12÷15x2-5=?
    a) 8   b) 18   c) 9   d) 3

64. 3 chairs and 2 tables cost Rs.700 and 5 chairs and 3 tables cost Rs.1,100 what is the cost of 2 chairs and 2 tables.
    a) 400   b) 500   c) 600   d) 900

65. 14 people attended in a meeting. Each one gave present to all others. Number of presents are
    a) 91   b) 182   c) 105   d) 210

66. The value of acceleration due to gravity of earth
    a) Is the same on equator and poles   b) Is the least on poles
    c) Is the least on equator   d) Increases from pole to equator

67. The inertia of an object tends to cause an object
    a) To increase its speed   b) To decrease its speed
    c) To resist a change in its state of motion   d) To decelerate due to friction.

68. If the displacement of an object is proportional to the square of time, then the object is moving with
    a) Uniform velocity   b) Uniform accelaration
    c) increasing accelaration   d) Decreasing accelaration

69. Safranin is a reagent that is used to stain
    a) Nucleus   b) Cytoplasm   c) Cellwall   d) Plasmodesmata

70. The Organelle not present in human cheek cells is
    a) Nucleus   b) Plasma membrane   c) Mitochondria   d) Chloroplast

71. The term tissue was given by
    a) Robert Hook   b) Mayer   c) Bichat   d) Leeuwen Hook

72. Which of the following is micronutrient
    a) Nitrogen   b) Phosphorus   c) Potassium   d) Boron

73. Under which of the following condition we can boil water at room temperature
    a) At low pressure   b) at high pressure
    c) at atmospheric pressure   d) at very high pressure

74. Brass is a solution of molten copper in
    a) Solid zinc   b) Molten Zinc   c) Gaseous Zinc   d) Molten Tin

75. Sulphur is soluble in
    a) CS_2 b) H_2O c) H_2SO4 d) Hcl

76. Which of the following is equal to x

    a) $^{12}/_7 - ^{5}/_7$ b) $\sqrt[12]{(x^4)^{1/3}}$ c) $\left(\sqrt{x^3}\right)^{2/3}$ d) $x^{\,12/7} \times x^{\,7/12}$

77. If $a + \dfrac{1}{a} = 3$ then $a^2 + \dfrac{1}{a^2}$ equals to

    a) $\dfrac{82}{9}$ b) 11   c) 10/3   d) 7

78. The first known proof that the circle is bisected by its diameter was given by
    a) Pythagoras   b) Thales   c) Euclid   d) Ramanujan

79. An exterior angle of a triangle is 105^0 and its two interior opposite angles are equal. Each of these equal angles is
    a) $37\ 1/2^0$ b) $52\ 1/2^0$ c) $72\ 1/2^0$ d) 75^0

80. An isoceles right angled triangle has area $8cm^2$. The length of its hypotenuse is
    a) $4\sqrt{2}\ cm$ b) $\sqrt{16}\ cm$ c) $\sqrt{48}cm$ d) $\sqrt{24}\ cm$

81. The length of each side of an equilateral triangle having area $9\sqrt{3}cm^{\,2}$
    A) 8 cm   b) 36 cm   c) 4 cm   d) 6cm

82. If $\triangle ABC \cong \triangle PQR$ and $\triangle ABC$ is not congruent to $\triangle RPQ$. Then which of the following is not true.
    a) BC = PQ   b) AC = PR   c) AB = PQ   d) QR = BC

83. Two straight lines AB and CD cut each other at O. If $\angle BOD = 63^0$ then $\angle BOC=$
    a) 63^0 b) 117^0 c) 17^0 d) 153^0

84. The point (0,0) lies on
    a) X-axis   b) Y-axis   c) both x and y axis   d) None of these

85. If (x+2) is a factor of $x^2 + mx + 14$ then m is
    a) 7   b) 2   c) 9   d) 14

86. "Two treatise of govt." was written by
    a) Montesquieu   b) John hock   c) Karl Max   d) None of these

87. Which of the following factors determine quality of population in a country?
    a) Training and life expectancy   b) Education and Health
    c) Education and knowledge   d) Health and Traning

88. What does a candidate need for contesting elections in China
    a) Approval of the National People's Congress   b)Approval of the Chinese people
    c) Approval of Chinese Communist Party   d) None of these

89. The Brahmaputhra river in Bangladesh is known as
    a) Trang Po   b) Meghna   c) Jamuna   d) Dihang

90. Who among the following was the successor of Lenin
    a) Trostskei   b) Stalin   c) Robert Owen   d) Karl Max

91. Height of Mount Everest
    a) 8848 mts.   b) 8840 mtr.   c) 8488 mtr.   d) 8480 mtr.

92. What is the full form of ANC
    a) African nationalist Congress   b) African national Cooperation
    c) African national Co-orporative   d) African National Congress

93. Which among the following is a modern farming method
    a) Use of Persian wheels   b) Use of tube wells
    c) Use of fertilizers   d) Both b & c

94. How many permanent members are there in the security council
    a) 5   b) 6   c) 7   d) 8

95. Oldest mountain range
    a) Aravalli range   b) Anaimudi   c) Vindhya   d) Satpura

96. The Silicon chips used for data processing are celled……
    a) RAM chips   b) ROM chips   c) Micro processors   d) PROM chips

97. CDMA stands for
    a) Code direct method of Access   b) Code division multiple Access
    c) Computer data memory Access   d) Code direct multiple Access

98. IMB launched its first personal computer called IBM-PC in 1981. It had chips from intel, disk drives from Tandon, operating system from Microsoft, the printer from Epson and the application software from everywhere. Can you name the country which contribute?
    a) India   b)China   c) Germany   d) Taiwan

99. Who invented the microprocessor?
    a) Marcian E Huff   b) Herman H Goldstein   c) Joseph Jacquard   d) All of above

100.   Unwanted repetitious messages, such as unsolicited bulk e-mail is known as…….
    a) Spam   b) Trash   c) Calibri   d) Courier