

# MALAPPURAM SAHODAYA APTITUDE TEST

## MSAT FINAL ROUND 2015-16

Class: VIII

Date: 05.12.2015

Marks: 100

Reg. No.

Time : 2 Hrs

### General Instructions:

1. Candidate will be supplied with separate Question Paper and Answer Sheet.
2. Answer the questions in the OMR sheet by shading the appropriate bubble.
3. Shade the bubbles with black ball pen/HB pencil.
4. Each question carries one mark.
5. For each question below, four options are given. One of them is correct answer. Make your choice and shade the correct box.

1. \_\_\_\_\_ is known as the city of oranges.  
a) Nagpur      b) Bengluru      c) Kashmir      d) Haryana
2. The religion of Buddhism originated here  
a) Bihar      b) Gujarat      c) Punjab      d) Rajasthan
3. \_\_\_\_\_ is the control centre for all the body's voluntary and non voluntary activities.  
a) Spinal cord      b) Brain      c) Nerves      d) Neurons
4. Each human foot has \_\_\_\_\_ bones.  
a) 33      b) 100      c) 26      d) None of these
5. The universe contains at least \_\_\_\_\_ billion galaxies.  
a) 100      b) 110      c) 90      d) 125
6. A \_\_\_\_\_ is a huge mass of stars, nebulae, etc.  
a) galaxy      b) milky way      c) nebulae      d) stars
7. \_\_\_\_\_ consists of a central star (the sun) and the bodies that orbit it.  
a) The earth      b) The solar system      c) The moon      d) The planet
8. \_\_\_\_\_ is the closest planet to the sun.  
a) Venus      b) Uranus      c) Mercury      d) Jupiter
9. Orogenesis is referred to  
a) Formation of ocean      b) Earth quake      c) Tsunami      d) Mountain building process

10. Appalachian mountains are in \_\_\_\_\_  
a) North America      b) South America      c) Latin America      d) France
11. Which notice is issued by the INTERPOL for the arrest of a criminal for the purpose of extradition?  
a) Yellow corner      b) Green corner      c) Blue corner      d) Red corner
12. In which year was "All India Radio" set up?  
a) 1947      b) 1950      c) 1927      d) 1936
13. The earliest evidence of silver is found in  
a) Harappan culture      b) Chalcolithic cultures of modern India  
c) Vedic texts      d) Silver Punch marked coins
14. A muslim writer who was also an accomplished sanscrit scholar  
a) Amir Khusrau      b) Alberuni      c) Amir Hassan Deblui      d) Badruddin
15. The largest coffee growing country in the world?  
a) Australia      b) Brazil      c) Cuba      d) India
16. Who was the first woman chief minister of independent India ?  
a) Jayalalitha      b) Padmaja Naidu      c) Sucheta Kripalani  
d) Vijaya Lakshmi Pandit
17. \_\_\_\_\_ is beautifully formed lettering  
a) Calligraphy      b) Photography      c) Epigraphy      d) Lexicography
18. \_\_\_\_\_ is the world's largest fresh water lake.  
a) Lake Baikal in Russia      b) Dead sea in the Middle East  
c) Oxbow lake      d) Graben lake
19. \_\_\_\_\_ are the remains of plants and animals that have been preserved in rock.  
a) Sediments      b) Fossils      c) Volcanoes      d) Caves
20. \_\_\_\_\_ is not adapted to living in water.  
a) Dolphins      b) Whales      c) Seals      d) Chimpanzees

21. \_\_\_\_\_ got the state award for the best actor in 2014  
a) Fahad Fasil    b) Prithiraj    c) Nivin Pauli    d) Asif Ali
22. In 1930 Mahatma Gandhi started Civil Disobedience Movement from \_\_\_\_\_  
a) Wardha    b) Sevagram    c) Sabarmati    d) Dandi
23. "The light has gone out of our lives". Who said this on the death of Gandhi?  
a) Dr.Rajendra Prasad    b) Jawaharlal Nehru    c) Dr.S.RadhaKrishnan  
d) Lord Mountbatten
24. \_\_\_\_\_ is known as the Grand old man of Indian politics.  
a) Surendra Nath Banerjee    b) Dada bhai Naoroji    c) Bipin Chandra Pal  
d) Rasbihari Ghosh
25. \_\_\_\_\_ dam is not on Narmada river.  
a) Indira Sagar Dam    b) Maheshwar Hydel Power Dam    c) Sardar Sarobar Dam  
d) Koyna Power project
26. The largest source of irrigation in India is \_\_\_\_\_  
a) Tanks    b) Wells    c) Canals    d) Dams
27. \_\_\_\_\_ state is the largest producer of silk in India.  
a) Karnataka    b) Kerala    c) Orissa    d) West Bengal
28. The novel written by Salman Rushdie.  
a) The Moor's last sigh    b) Grimms    c) Shame    d) The ground beneath for feet
29. \_\_\_\_\_ is not a prize for excellence in games and sports.  
a) Arjuna Award    b) Dronacharya Award    c) Rajive Khelratna Award  
d) Pulitzer Award
30. The term 'double fault' is associated with \_\_\_\_\_  
a) Hockey    b) Rugby    c) Tennis    d) Long Jump
31. Which of the following are thermosetting polymers?  
A. Melamine    B. Terylene    C. Polythene    D. Bakelite  
a) A and B    b) B and C    c) A and D    d) B and D

32. The non-metal which exists in the liquid state at room temperature is  
a) Fluorine      b) Bromine      c) Chlorine      d) Iodine
33. The synthetic material which can be used for making fabrics as well as shatter proof bottles and jars is  
a) nylon      b) rayon      c) polyester      d) acrylic
34. The metal which will not produce hydrogen gas on reacting with dilute sulphuric acid is  
a) sodium      b) silver      c) iron      d) zinc
35. Which of the following is usually referred to as 'black gold'?  
a) coke      b) coal tar      c) petroleum      d) coal
36. Which of the following are contact forces?  
A. Friction    B. Gravitational Force    C. Magnetic Force    D. Muscular Force  
a) A and B      b) B and C      c) A and D      d) B and D
37. The magnitude of force is expressed in the unit of force called  
a) Pascal      b) Kelvin      c) Newton      d) Magdeburg
38. If the sliding friction between two surfaces is found to be 8N, then the static friction between these two surfaces is most likely to be  
a) 5N      b) 10N      c) 4N      d) 2N
39. Ball bearing is a device which usually converts  
a) rolling friction in to sliding friction    b) sliding friction in to rolling friction  
c) static friction in to sliding friction    d) rolling friction in to static friction
40. The same force  $F$  acts on four different objects having the areas given below one by one. In which case the pressure exerted will be the maximum?  
a)  $20\text{m}^2$       b)  $50\text{m}^2$       c)  $10\text{m}^2$       d)  $100\text{m}^2$
41. Pick out one word for the phrase "the betrayal of one's country"  
a) impudence    b) treason      c) smile      d) insolence

42. The word which means “irritate or make somebody slightly angry”

- a) annoy                      b) jest                      c) tinkle                      d) nudge

43. Complete the following conversation suitably.

Narrator : I had a frightful experience yesterday

Wife : \_\_\_\_\_?

Narrator : I was attacked by a stranger

- a) What you had?              b) What was it?      c) Who had a frightful experience?  
d) What is the frightful thing?

44. Find the phrasal verb for the underlined word. I cannot tolerate our new teacher.

- a) put up                      b) put up with      c) put on                      d) put away

45. ‘Chemmean’ was written by Thakazhi. (Begin the sentence with Thakazhi)

- a) Thakazhi was written Chemmean      b) Thakazhi has written Chemmean  
c) Thkazhi wrote Chemmean                      d) Thakazhi had written Chemmean

46. The King as well as his son have died. (Correct the sentence)

- a) The King and his son has died      b) The King as well as his son has died  
c) The King died as well as his son died                      d) None of these

47. He is clever \_\_\_\_\_ his father. (Use the correct conjunction)

- a) than                      b) as                      c) so                      d) yet

48. I have seen the house which belongs to Rama. (Change into a simple sentence)

- a) I have seen Rama’s house                      b) The house that I have seen is Rama’s  
c) The house which I see belongs to Rama      d) Have I seen the house of Rama’s?

49. Combine into one sentence by using a participle.

The hunter took up his gun. He went out to shoot the lion.

- a) The hunter took up his gun to shoot the lion  
b) Taking up his gun, the hunter went out to shoot the lion  
c) Going out to shoot the lion, the hunter took up his gun  
d) The hunter took the gun and shoot the lion.

50. He said to me, "wait until I come" (Reported speech)

- a) He said to me wait until he comes
- b) He asked me to wait until he will come
- c) He asked me to wait until he came
- d) He asked me to wait until he would come

**Read the passage and answer the questions.**

One there was a beggar maid. She was young and beautiful; she wore rags and went begging from village to village and from town to town. Nobody realized that she was an angel in beauty. She shone like the moon behind clouds. A King saw her. At once he came down from his place and received her with love and honour. When she bathed and wore royal garments and splendid jewels, she looked an angel; the King married her and made her his queen.

51. What are the two adjectives used in the passage.

- a) beauty and shone
- b) love and honour
- c) royal and garments
- d) young and beautiful

52. The phrase which means 'wore'

- a) put on
- b) got on
- c) put up
- d) put out

53. The word used in the passage which means 'A waste piece of cloth especially one that is old or torn'

- a) garment
- b) rag
- c) behind
- d) wore

54. What is the meaning of the word 'maid'?

- a) It is the past tense of 'make'
- b) A woman, lady or polite term of address
- c) A girl or young unmarried woman
- d) None of these

55. What was the wrong impression of the people about the 'beggar maid'?

- a) She begged from house to house
- b) She wore old cloths
- c) She shone like the moon behind the clouds
- d) Nobody realized that she was an angel

56. A fast moving express train crosses a passenger train moving in the same direction in 20 seconds. The speed of the faster train is 72km/h while that of the slower train is 27km/h. If the length of the faster is 100m, then what is the length of the slower train?

- a) 120m                      b) 130m                      c) 140m                      d) 150m

57. CDEF: ZXYW :: FEDC: ?

- a) XYZW                      b) WYXZ                      c) XZYW                      d) ZXYW

58. abc and def are 3 digit numbers such that

a      b      c

d      e      f

10    0    0      and none of a, b, c, d, e or f is zero.

What is the sum of a+b+c+d+e+f?

- a) 10                      b) 19                      c) 21                      d) 28

59. The sum of the ages of 4 members of a family 5 years ago was 94 years. Today when the daughter has been married off and replaced by a daughter in law, the sum of their ages is 92. Assuming that there has been no other change in the family structure and all the people are alive, what is the difference in the age of the daughter and the daughter in law?

- a) 22yrs                      b) 11yrs                      c) 25yrs                      d) 19yrs

60. Five persons (R, S, T, U and V) are in a queue facing a reservation counter. Immediately behind S is U. T is standing between R and V. In between R and U, no one is there then where is S standing in the queue?

- a) First                      b) Second                      c) Last                      d) Last but one

61. Two squads of soldiers A and B facing North and South respectively, received the following commands - Rights turn, Left turn, Left turn, left turn. Which directions would the squads A and B face at the end?

- a) West East      b) North South      c) East West      d) South North





79. Which of the following is true?

- a) Sum of interior angles of a quadrilateral is  $540^\circ$
- b) Sum of interior angles of a pentagon is  $720^\circ$
- c) Sum of measures of the exterior angles of any polygon is  $360^\circ$
- d) None of these

80. Value of  $x$  for which  $\frac{2x+1}{x+3} = 1$  is

- a) 1
- b)  $\frac{3}{2}$
- c) 2
- d)  $-1$

81. Who observed, "Future wars will start in the circuits of computers rather than in the minds of man"?

- a) Joseph Weizenbaum
- b) General Alexander Heig
- c) Arthur C. Clarke
- d) Dunean Camphell

82. The first general purpose electric digital computer in the world was

- a) UNIVAC
- b) EDVAC
- c) ENIAC
- d) IBM

83. Human beings are referred to as Homo sapiens, which device is called Silico Sapiens?

- a) Monitor
- b) Hardware
- c) Robot
- d) Computer

84. Which of the following is the 1's complement of 10?

- a) 01
- b) 110
- c) 11
- d) 10

85. OFC stands for \_\_\_\_\_

- a) Optical Fabric Cable
- b) Optical Fiber Cable
- c) Optical Function Code
- d) Output Function Cable

86. The peasant movement of Champaran in North-West Bihar opposed cultivation of

- a) Sugar cane
- b) Indigo
- c) Opium
- d) Pepper

87. Nana Saheb, the adopted son of Peshwa Baji Rao II led the revolt at

- a) Kanpur
- b) Awadh
- c) Jagadishpur
- d) Bithur

88. Congress adopted the aim of Purna Swaraj in 1929 under the presidentship of
- a) Subhash Chandra Bose
  - b) Sardhar Vallabai Pattel
  - c) Mahatma Gandhi
  - d) Pandit Jawaharlal Nehru
89. Resources which get exhausted and cannot be renewed
- a) Renewable Resources
  - b) Replishable Resources
  - c) Physical Resources
  - d) Non- renewable Resources
90. Growing of different crops in alternate strips
- a) Srtip cropping
  - b) Contour ploughing
  - c) Terrae farming
  - d) Shelter belts
91. The largest solar plant in India is located in
- a) Maharashtra
  - b) Gujarat
  - c) Rajasthan
  - d) Madhya Pradesh
92. Horticulture is the name given to the cultivation of
- a) Fruits and Vegetables
  - b) Wheat
  - c) Rice
  - d) Cotton
93. Which city is known as the Manchester of Japan?
- a) Osaka
  - b) Yedo
  - c) Tokyo
  - d) Yokohama
94. Writs can be issued by
- a) District courts
  - b) Panchayats
  - c) Civil courts/ Criminal courts
  - d) Supreme courts/ High courts
95. Secularism means
- a) Separation of religion from State
  - b) People do not enjoy freedom of religion
  - c) People have to follow the religion outlined by the State
  - d) State interferes in materials of religion
96. Union Legislature is
- a) Unicameral
  - b) Bicameral
  - c) Of three houses
  - d) Of four parts

97. Rule of law means

- a) All are equal before law
- b) Same laws are applicable to all
- c) No one is above law
- d) Punishments depend upon the status of the person in the society

98. Jamshedpur is \_\_\_\_\_ state.

- a) Madhya Pradesh
- b) Jharkhand
- c) Bihar
- d) Chhattisgarh

99. A person who sells alcoholic liquor unlawfully

- a) Liquidator
- b) Jobber
- c) Navigator
- d) Moonshiner

100. 'Pan-American' refers to

- a) North America
- b) South America
- c) Central America
- d) All the three

**MALAPPURAM SAHODAYA APTITUDE TEST**  
**MSAT FINAL ROUND 2015-16**

**Answer Key**

**Class: VIII**

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

