

MALAPPURAM SAHODAYA APTITUDE TEST

MSAT FINAL ROUND 2015-16

Class: VI

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. The following series contains a wrong term, find it

89, 78, 86, 80, 85, 82, 83

- a) 83 b) 82 c) 84 d) 78

2. $6+0\div 6\times 2+1$ equals

- a) 18 b) 7 c) 3 d) 0

3. If $\square + 50 = \triangle$ and $\square - 50 = \bigcirc$ what is the correct relation between \triangle and \bigcirc ?

- a) $50 + \bigcirc = \triangle$ b) $50 - \bigcirc = \triangle$ c) $100 + \bigcirc = \triangle$ d) $100 - \bigcirc = \triangle$

4. Which group of letters is different from others?

- a) TVWYZ b) CBAED c) IJHGK d) SRQPT

5. According to this diagram how many students have more than one favourite type of book? $X = 1$ student



- a) 3 b) 5 c) 7 d) 8

6. If $A = -1$, $B = -2$, $C = 3$ find the value of $(A+1)(B+1)(C+1) + 7$

- a) 7 b) 0 c) 8 d) 10

7. How many natural numbers are there containing 2 digits?

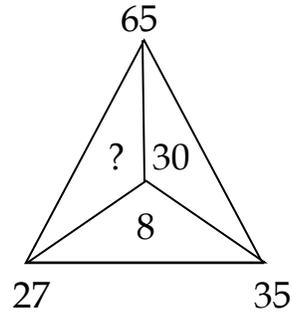
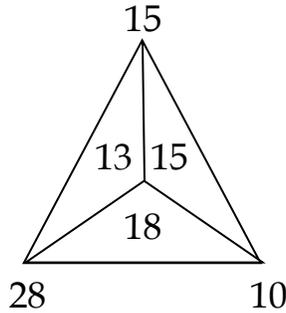
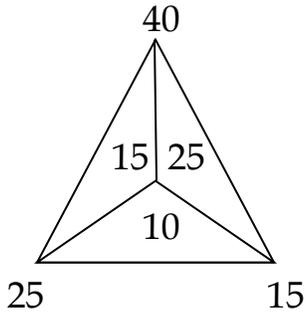
a) 99

b) 90

c) 100

d) 89

8.



a) 38

b) 20

c) 25

d) 30

9. Find the missing term? 29, 34, 32, 37, 35, 40, _____

a) 24

b) 27

c) 36

d) 38

10. Three years ago Raju was 8 years younger than Sanju. What will be the difference between their ages after 5 years?

a) 7 years

b) 12 years

c) 8 years

d) 15 years

11. If Monday is to February, then Friday is to _____

a) July

b) June

c) May

d) August

12. Which letter comes halfway between G and S in the alphabet?

a) M

b) N

c) O

d) P

13. LLMO : MMNO :: AABD : _____

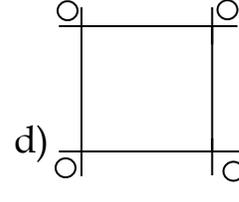
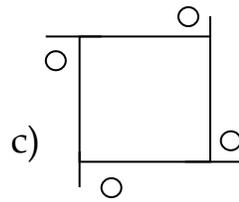
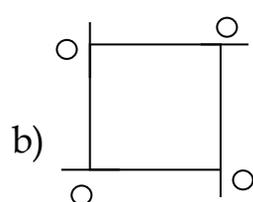
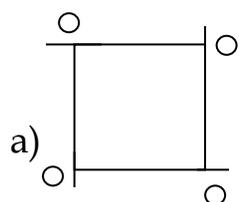
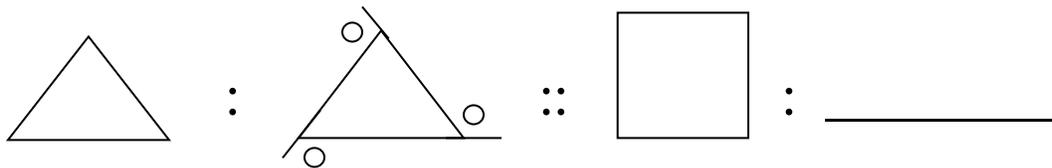
a) BBCE

b) AABD

c) ABBC

d) BBCE

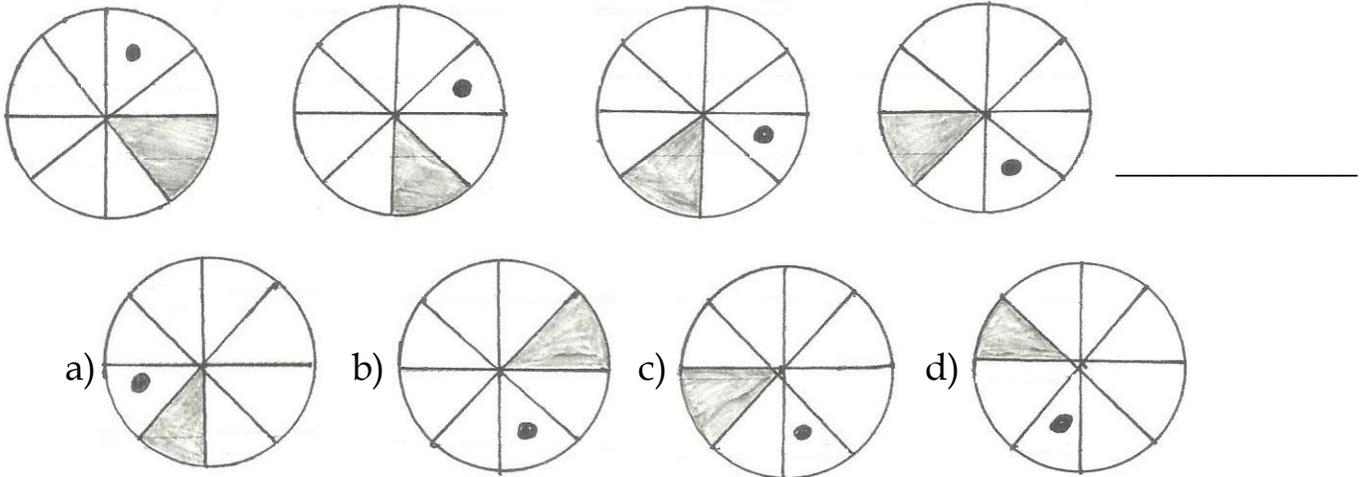
14.



15. It takes 2 minutes to boil a single egg. How many minutes will it take to boil 5 eggs together?

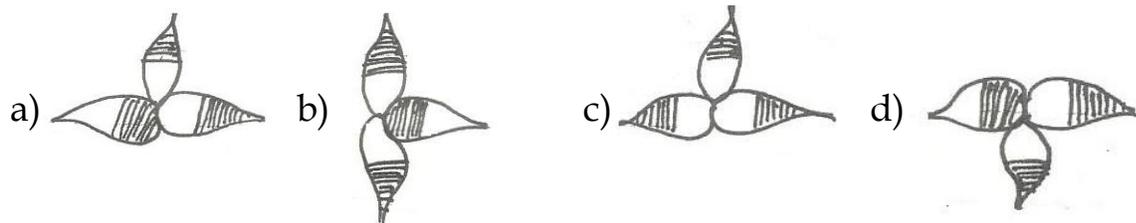
- a) 10 b) 2 c) 4 d) 5

16. Find the next one.



- a) b) c) d)

17. Find the odd one out.



18. LJDC : AID :: OHBA : _____

- a) DGBC b) CFED c) EHCD d) HBAF

19. Among 4 friends A's weight is less than B and C's weight is more than D. B is heavier than D and lighter than C. Who is the heaviest among them?

- a) A b) B c) C d) D

20. Letters showing the names of some fruits have been rearranged. Pick out the alternative number of the fruit which is richest source of Vitamin C?

- a) GAONM b) PELAP c) VAGAU d) RNEGOA

21. The value of $(-10) + 92 + 84 + (-15)$ is _____

- a) 150 b) 151 c) 152 d) 161

22. The product of 2 numbers is 3000. If the HCF of these numbers is 10, then LCM will be _____

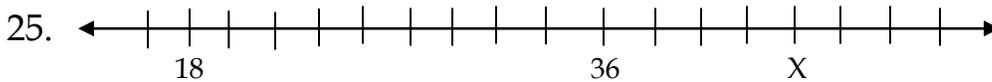
- a) 30 b) 305 c) 5 d) 300

23. $\frac{1}{4}$ is equivalent to _____

- a) 25% b) 30% c) 50% d) 75%

24. $11111 - 1111 + 111 - 11 + 1$ is _____

- a) 12345 b) 10101 c) 9901 d) 102



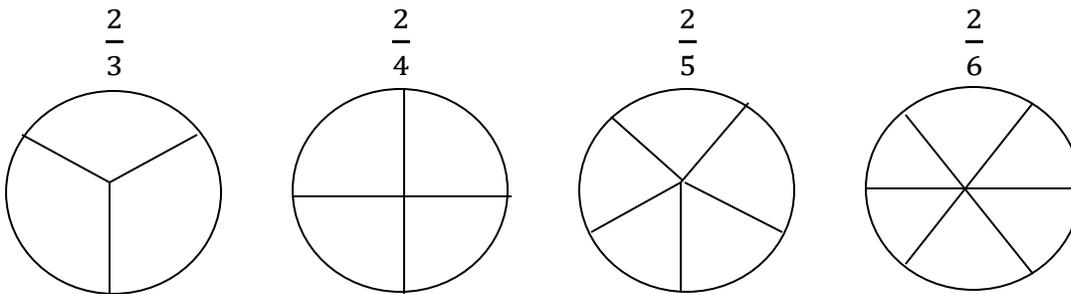
Which number describes the location of point X?

- a) 58 b) 40 c) 44 d) 54

26. The weekly milk order for the new Guest house includes 40 litres of low fat milk and 15 litres of chocolate milk. What is the ratio of the number of low fat litres to chocolate litres in the new Guest house's weekly milk order?

- a) 8:3 b) 3:1 c) 5:1 d) 5:3

27.



Sita studied these pictures of fractions. What pattern might she correctly notice in the fractions?

- a) Increasing the denominator increases the value of the fraction.
b) If the denominator stays the same and the numerator increases, the fraction becomes a smaller amount.
c) Increasing the denominator by double, the size of the fraction becomes half.
d) If the numerator stays the same and the denominator increases the fraction becomes a smaller amount.

28. Which of the following statement is true?

- a) $2 < (-4)$ b) $2 > (-2)$ c) $(-2) < (-4)$ d) $(-4) > 4$

29. Vinitha can type 28 words per minute. At this state how many words can Vinitha type in 5.5 minutes?

- a) 154 b) 157 c) 159 d) 162

30. If Mrs. Sharma bought 18.5 litres of Ghee for Rs.3931.25, then cost of Ghee per litre is _____

- a) 222.50 b) 237.50 c) 212.50 d) 243.50

31. ASCII stands for

- a) All Purpose Scientific Code for Information Interchange.
b) American Standard Code for Information Interchange.
c) American Security Code for Information Interchange.
d) American Scientific Code for Information Interchange.

32. The list of coded instructions is called

- a) Computer program b) Algorithm c) Flow chart d) Utility programs

33. The person contributing the idea of the stored program was

- a) Charles Babbage b) Howard Aiken c) John Von Neumann
d) Basic Pascal

34. To shrink a window to an icon is to

- a) Open a group window b) Minimize a window
c) Maximize a window d) Restore a window

35. MICR stands for

- a) Magnetic Ink Character Reader b) Magnetic Ink Code Reader
c) Magnetic Ink Character Recorder d) Magnetic Ink Converting Recorder

36. Which is the smallest state in India?

- a) Goa b) Kerala c) Rajasthan d) Bihar

37. Indian first artificial satellite is named after a pioneering mathematician and astronomer of the 5th century, who is that?

- a) Bhaskaracharya b) Aryabhata c) C.V.Raman d) J.C.Bose

38. The second longest beach of the world

- a) Kovalam Beach b) Candolim Beach c) Marina Beach d) Puri Beach

39. Which is the highest Railway station in India?

- a) Ooty Railway Station b) Chhatrapati Shivaji Terminus Mumbai
c) Howra Terminus Kolkata d) Ghum Railway Station, Darjeeling

40. Which one is the highest rank in the Army Service of India?

- a) General b) Major General c) Major d) Captain

41. The tomb of Akbar is located in

- a) Ahmadabad b) Agra c) Aurangabad d) Delhi

42. Identify the person.



He is the famous politician who served as a finance minister and home minister of India?

- a) Pranab Mukharji b) Arjun Singh
c) P.Chidambaram d) O.Rajagopal

43. The first man to travel in space?

- a) Neil Armstrong b) Sunitha Williams c) Ronald Amundsen
d) Yuri Gagarin

44. The old name of Iraq is _____

- a) Mesopotamia b) Persia c) Siam d) Malaya

45. Which day is observed as World AIDS Day?

- a) June 5 b) December 1 c) July 11 d) April 7

46. A place where coins are manufactured is called

- a) Treasury b) Bank c) Mint d) Currency

47. A piece of land surrounded by water on all sides is called _____

- a) Canyon b) Lagoon c) Glacier d) Island

48. Who is known as the “Lion of Punjab”?

- a) Lala Lajpat Rai b) Prakash Singh Badal

- c) Milkha Singh d) Gyani Sail Singh

49. The place where world’s worst industrial disaster occurred on 3rd December 1984 in India?

- a) Alaska b) Bhopal c) Mumbai d) Chernobyl

50. Who invented revolver?

- a) Douglas b) John L Baird c) Samuel Colt d) William Hunt

51. “The eye lens turn crystalline and vision is damaged”. This can be identified as ----

- a) Malaria b) Colour blindness c) Tetanus d) Cataract

52. Identify the scientist.

His theories on relativity formed the basis for development of computers and space travel. In 1921 he was awarded the Nobel Prize in Physics.

- a) Albert Einstein b) Isaac Newton c)

- c) Louis Pasteur d) Vikram Sarabhai

53. ‘It can fly under water’. What is it?

- a) Puffer Fish b) Penguin c) Jelly Fish d) Shark

54. In which state Gir National Park is located?

- a) Rajasthan b) Assam c) Gujarat d) Uttaranjal

55. “Centre pass, free hit, Penalty corner”, these terms are used in

- a) Tennis b) Volleyball c) Cricket d) Hockey

56. Kabadi is the national game of

- a) Bangladesh b) Sri Lanka c) Pakistan d) Bhutan

57. The first Jamaican Sprinter who is the first athlete to win 100m and 200m sprint titles at the Olympics.

- a) Usain Bolt b) Sushil Kumar c) Pankaj Advani d) Sebastian Vettel

58. Who invented Calculus?

- a) Dr. J. Branden Bergor b) Newton c) Thomas Alwa Edison
d) Alexander Graham Bell

59. Which is the capital of Afghanistan?

- a) Algiers b) Buenos Aires c) Kabul d) Dhaka

60. The United Nations Organisation officially came in to existence on _____

- a) 26.6.1945 b) 25.4.1945 c) 15.8.1947 d) 24.10.1945

61. The Vigilance Director of Kerala who has entered on leave recently

- a) Vinson. M. Paul b) John. K. Ithikkodan
c) R. Sukheshan d) Dr. Jacob Thomas

62. October 31 is not related with _____

- a) Indira Gandhi b) National Integration
c) Sardar Vallabhai Patel d) A.P.J. Abdul Kalam

63. The present Law Minister of India

- a) Sadananda Gawda b) Smrithi Irani
c) Sushama Swaraj d) None of these

64. Odd one out

- a) Rahul Dravid b) Muhammed Ali
c) Donald Bradman d) Wasim Akram

65. Who is known as 'Kerala Panini'?

- a) A.R. Raja Raja Varma b) Vallathol
c) C.V. Raman Pillai d) Kerala Varma Valiyakoyi Thampuran

66. The value of prime Meridian is _____

- a) 90° b) 0° c) 180° d) 360°

76. I can't remember every _____ detail of the painting. (Use suitable determiner)
a) Little b) All c) A few d) Many
77. Ruskin Bond's grandfather brought a monkey into the house as a pet. (What is the subject in this sentence?)
a) Ruskin Bond b) A monkey c) A pet d) Ruskin Bond's grandfather
78. A good sports person should eat _____ food.
a) Nutrient b) Nutriment c) Nutritious d) Nutrition
79. Everyone have a mental picture of a volcano.
a) has been b) had c) has d) will have
80. The animals in zoos _____ captured and put in cages for our entertainment.
a) has b) is c) have d) are
81. A man passing _____ jumped into the river and saved life of the drowning boy
a) by b) at c) on d) over
82. Report the sentence.
Husband told his wife, "Did you speak to Dr. Bernard?"
a) Husband asked his wife if she had spoken to Dr. Bernard.
b) Husband asked his wife if you had spoken to Dr. Bernard.
c) Husband asked his wife if we had spoken to Dr. Bernard.
d) Husband asked his wife if he had spoken to Dr. Bernard.
83. A person who travels from place to place having no fixed abode is called _____
a) Vagabond b) Scoundrel c) Passenger d) Tourist

Read the following passage and choose the right answer to the questions given below (84-86)

News papers are a powerful influence. It is the duty of the editors to see that no false report or a report likely to excite the public is published in their news papers. The editors and their assistants have to be extra careful about the news they give and the manner in which they dress it. In a state of independence, it is practically impossible

for governments to control the press. It is the duty of the public to keep strict watch on the news papers and keep them on the right path. An enlightened public would refuse to patronize inflammatory or indecent news papers.

84. It is the duty of the editor to see that _____

- a) no false report has been published in the news paper
- b) a news that could excite the people has been published
- c) a strict watch on the news papers should be kept
- d) the public is not enlightened

85. Find a word which means "intending to cause very strong feelings of anger"

- a) indecent
- b) inflammatory
- c) patronize
- d) excite

86. The word 'enlightened' is used as

- a) a verb
- b) an adverb
- c) a pronoun
- d) an adjective

87. Landless agricultural labourers were known as

- a) Slaves
- b) Herders
- c) Kammakaras
- d) None of these

88. Who was the leader of African National Congress?

- a) Mahatma Gandhi
- b) Nelson Mandela
- c) Jawaharlal Nehru
- d) Bill Clinton

89. Which continent lies in the southern hemisphere?

- a) Asia
- b) North America
- c) Europe
- d) Antarctica

90. Who appoints the secretary of Grama Panchayath?

- a) Government
- b) Ordinary person
- c) Election Commissioner
- d) Landlord of Village

91. Which one is the best for health?

- a) Sprouted seed
- b) Boiled seeds
- c) Roasted Seeds
- d) Wet swollen seeds

92. Night blindness is caused due to the deficiency of _____

- a) Vitamin A
- b) Vitamin B
- c) Vitamin C
- d) None of these

93. Carbohydrate can be tested by using _____
- a) Copper Sulphate Solution b) Benedict Solution
c) Iodine Solution d) Fehlings Solution
94. Jute fibres are obtained from _____
- a) seed of plant b) fruit of plant c) stem of plant d) none of these
95. What is the SI unit of length?
- a) Kilometer b) Meter c) Centimeter d) Decimeter
96. The process of loss of water by plant through leaves called _____
- a) condensation b) photosynthesis c) transpiration d) evaporation
97. Which is a device to image the sun?
- a) Pinhole camera b) Mirror c) Transparent sheet d) Straight pipe
98. Rearing and manufacturing of fishes in large scale is called _____
- a) Horticulture b) Pisciculture c) Aqua culture d) Sericulture
99. What kind of motion is executed by a pendulum of a wall clock?
- a) Oscillatory motion b) Linear motion c) Circular motion
d) Rectilinear motion
100. Which one of the following is a natural fibre?
- a) Rayon b) Cotton c) Nylon d) Polyester

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Answer Key

Class: VI

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

20.d	40.a	60.d	80.d	100.b
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