

MALAPPURAM SAHODAYA APTITUDE TEST

MSAT FINAL ROUND 2015-16

Class: VII

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. Given below are some of the headlines found in news papers. Which headline can be called an 'obituary'?

- a) Two found dead in road mishap b) Oil price inflammable
c) Poet Mullanezhi passes away d) Teacher's package announced

2. John: What a beautiful picture! (Remove the exclamation)

- a) John asked what a beautiful picture it was.
b) John exclaimed what a beautiful picture it is
c) John exclaimed that it was a beautiful picture
d) John said that a beautiful picture it was

3. Edit the following:

'He was a little late for the afternoon class, but he goes boldly into the class room'

- a) will go b) went c) went on d) is going

4. Fill in the blanks:

'When my uncle _____ Paris he was detained at the airport'

- a) turned down b) turned up c) turned over d) turned away

5. I cannot agree _____ any such proposal.

- a) with b) in c) to d) from

6. Somebody has put out the light. (Begin the sentence with the 'light')

- a) The light was put out b) The light has been put out
c) The light had been put out d) The light had put out

7. Prices _____ sharply due to drought in several parts of the country.

- a) has risen b) risen c) will have risen d) have risen

8. Rearrange into a meaningful sentence.

in space | a vast multitude | are wandering | of stars

- a) In space a vast multitude are wandering of stars
b) A vast multitude of stars are wandering in space
c) Wandering of a vast multitude of stars are in space
d) None of these

9. Saina is the best player in the class. (Change into positive)

- a) No other player in the class is as good as Saina
b) Saina is better than any other player in the class
c) Saina is a good player d) Saina is better than all the players in the class

10. One word for 'a large ocean wave'

- a) Tempest b) Hightide c) Neaptide d) Tsunami

11. Which one is the adjective clause in the following sentence?

Cars that run on electricity save gas.

- a) Cars save gas b) Cars that run c) Cars run on electricity
d) That run on electricity

12. Anita gave a powerful speech on Animal Rights. (Choose the antonym of the underlined word)

- a) cunning b) strong c) ineffective d) inattractive

13. Complete the sentence: If she asked me _____

- a) I would help her b) I will help her c) I would be helping her
d) I would have helped for

Read the following stanza and answer the questions given below (14-15).

I shot an arrow into the air, it fell into earth, I knew not where; for, so swiftly it flew, the sight could not follow it in its flight.

14. Where did the arrow fall into?

- a) The air b) Earth c) Sky d) None of these

15. 'Swiftly' means _____

- a) Slowly b) Carefully c) With great speed d) lavishly

16. The Annual Award given for life time contribution to Indian Cinema.

- a) Dadasaheb Palke Award b) Arjuna Award
c) Bharat Award d) Ashok Chakra Award

17. The scientist who played a major role in developing India's missile programme.

- a) Pandit Ravi Shankar b) APJ Abdul Kalam
c) CV Raman d) Ramanujan

18. Bread and cereals are of body's best source of _____

- a) Vitamins b) Carbohydrates c) Proteins d) Minerals

19. Which is the highest court of justice in India?

- a) High Court b) Supreme Court c) Session Court d) Consumer Court

20. By which other name is the Rajya also known as

- a) Lower House b) Upper House c) Central House d) None of these

21. Who elects the vice president of India?

- a) President b) Cabinet c) Member of Lok Sabha & Rajya Sabha
d) Chief justice of Supreme Court

22. One who writes the script of the film, detailing the story, setting and dialogue?

- a) Script writer b) Producer c) Director d) Composer

23. The place Lumbini is associated with

- a) Chatrapati Shivaji b) Gautam Buddha
c) Vinoba Bhava d) Rani Lakshmi Bai

24. _____ was also the capital of British India.

- a) Kulkatta (Calcutta) b) Delhi c) Amritsar d) Dehradun

25. Which is the state known as the “Land of the Gods”

- a) Odisha b) Tripura c) Arunachalpradesh d) Uttarakhand

26. Allahabad in Uttar Pradesh is the birth place of _____

- a) Jawaharlal Nehru b) Dr. Rajendra Prasad
c) Lal Bahadur Shastri d) AB Vajpaye

27. The play ground of Europe

- a) Norway b) Switzerland c) Venice d) Canada

28. The person who lost the power of hearing and sight after an illness at the age of 19 months

- a) John Milton b) Edison c) Helen Keller d) Beethoven

29. _____ is the highest waterfall in India

- a) Athirappally b) Angel falls c) Nayagra waterfall d) Jogfalls

30. This is the world’s highest man-made structure standing at the height of 828mtrs.



- a) Burj Khalifa, Dubai b) Sears Tower, Chicago
c) Petronas Tower, Malaysia d) Jin Mao Building, Shanghai

31. Which Mughal Ruler was known for the Navaratnas or nine jewels in his court.

- a) Aurangzeb b) Humayun c) Akbar d) Shah Jahan

32. The disease which severely affects the liver _____

- a) Allergy b) Meningitis c) Anemia d) Jaundice

33. The gas used in balloon is _____
a) helium b) hydrogen c) carbon d) oxygen
34. _____ measures air pressure
a) Altimeter b) Barometer c) Anemometer d) Photometer
35. The word for a thing that is no longer in use
a) relevant b) obsolete c) contemporary d) ancient
36. Name the author of the book "The Adventures of Tom Sawyer"
a) HG Wells b) Jerome K Jerome c) Leo Tolstoy d) Mark Twain
37. Complete the following proverb: All the glitters _____
a) is worth two in the bush b) is not gold
c) quarrels with his tools d) wait for no man
38. The scientific study of plant life is known as
a) Zoology b) Biology c) Pathology d) Oncology
39. At the opening ceremony of each Olympic Games, which team march first?
a) The host team b) Greece c) Previous year champions
d) Decided by casting lots
40. Following is the Indian sports person who won medals at Olympics for weight lifting.



- a) Saina Nehwal b) Karnam Malleswari c) Mary Kom
d) Kashaba Jadhav
41. Number of teeth which are replaced in human beings
a) 19 b) 20 c) 28 d) 32

42. Out of these which gas is used in fire extinguishes
a) Sulphur Dioxide b) Oxygen c) Nitrogen dioxide d) Carbon dioxide
43. Which of the following is not a breed of sheep?
a) Marwari b) Murrah c) Rampur bushair d) Patanwadi
44. Which is the ultimate source of energy for all living organisms?
a) Chemical energy b) Radar energy c) Solar energy d) Wind energy
45. Stomach of man mainly digests
a) glucose b) protein c) fat d) sucrose
46. Which of the following is not reproducing by vegetative propagation?
a) Jasmine b) China Rose c) Potato d) Wheat
47. What is the normal temperature of a healthy person?
a) 36°C b) 37°C c) 37°F d) 36°F
48. PH of blood range is _____
a) 7.36 - 7.42 b) 5.5 - 6.6 c) 1.3 - 2.3 d) 4.5 - 8.8
49. A cyclone warning can be issued
a) 8 hours in advance b) 12 hours in advance
c) 48 hours in advance d) 20 hours in advance
50. Silk thread is extracted from the cocoon by a process called
a) Shearing b) Sorting c) Reeling d) Socuring
51. Granite is an example of _____ rocks
a) Sedimentary rocks b) Metamorphic rocks
c) Intrusive Igneous rocks d) Extrusive Igneous rocks
52. The depositional feature of a glacier is _____
a) Flood plain b) Beach c) Moraine d) none of these
53. A factor that influences the distribution of temperature is called _____
a) Air pressure b) Insulation c) Wind d) none of these

54. Grass lands in Brazil are known as

- a) Campos b) Prairie c) Llanos d) Pampas

55. Which of the following countries does not lie within the Amazon basin?

- a) Peru b) Venezuela c) Colombia d) Argentina

56. Which article of Indian constitution mentions prohibition of discrimination on grounds of religion, race, caste, sex or place of birth?

- a) Article 16 b) Article 25 c) Article 15 d) Article 14

57. Areas in to which states are divided for the purpose of election are called

- a) Blocks b) Districts c) Constituencies d) Wards

58. Who is the present Health Minister of Kerala?

- a) V.S.Sivakumar b) Ramesh Chennithala
c) C.Kunjalikkutty d) Jayalakshmi

59. International women's day is celebrated on _____

- a) March 8 b) June 5 c) August 6 d) December 10

60. A person who sells goods abroad is called _____

- a) Importer b) Exporter c) Retailer d) Intermediary

61. Temples of Thanjavur was built

- a) Rajaraja b) Palas c) Vijayalaya d) All of these

62. The Sayyid Dynasty was founded by

- a) Khusrau Khan b) Bahlul Lodi c) Khizr Khan d) Firuz Shah Tughluq

63. In the first battle of Panipat, Babur defeated

- a) Sher Shah b) Ibrahim Lodi c) Shah Jahan d) Humayun

64. Hampi was the capital of

- a) Mugal Empire b) Khalji Dynasty c) Slave Dynasty
d) Vijayanagara Empire

65. Golden Temple is located in

- a) Agra b) Amritsar c) Lucknow d) Awadh

66. A program that is employed in the development, repair or enhancement of other program is known as

- a) System software
- b) Software tool
- c) Application program
- d) Utility program

67. The first Macintosh computer was from _____ generation

- a) First
- b) Second
- c) Third
- d) Fourth

68. What is the hexadecimal equivalent for binary number 11110101?

- a) F1
- b) F3
- c) F5
- d) F7

69. Which company is the biggest player in the microprocessor industry?

- a) Motorola
- b) IBM
- c) Intel
- d) AMD

70. The complete picture of data stored in database is known as _____

- a) Record
- b) Schema
- c) System flowchart
- d) DBMS

Directions in the questions (71-73) some numbers are given in the shape of figures. Find the value of figures and then gives the correct answer of the questions.

$$\text{Hexagon} + \text{Square} = 10$$

$$\text{Square} - \text{Triangle} = 1$$

$$\text{Circle} + \text{Triangle} = 3$$

$$\text{Hexagon} \div \text{Triangle} = 2$$

71. $\text{Circle} + 2 \times \text{Triangle} = ?$

- a) 2
- b) 3
- c) 4
- d) 6

72. $\text{Square} \times \text{Triangle} = ?$

- a) 7
- b) 9
- c) 12
- d) 14

73. $\text{Hexagon} - \text{Square} + \text{Triangle} = ?$

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

74. If in a certain code STUDENT is written as RSTEDMS, then how would TEACHER be written in the same code

- a) SZZDGEQ b) SZDDGEQ c) SDZDGDQ d) SDZCGDQ

75. If $9 \times 7 = 3545$ and $4 \times 3 = 1520$, then $6 \times 8 = ?$

- a) 4030 b) 5040 c) 6050 d) 3040

76. 48, 45, 40, 33, 24, _____, _____

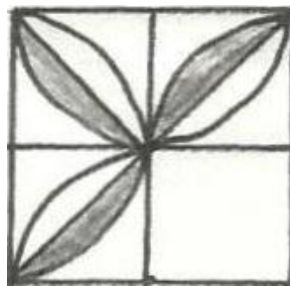
- a) 11, 12 b) 12, 13 c) 9, 11 d) 13, 0

77. If March is to August, then C is to _____

- a) G b) I c) H d) J

78. Complete the series: 1, 3, 10, 21, 64, 129, _____, 777

- a) 356 b) 388 c) 259 d) 144



79. Complete the pattern:

- a)  b)  c)  d) 

80. A letter series whose one term is wrong is given below. Find out the wrong term from the given alternatives.

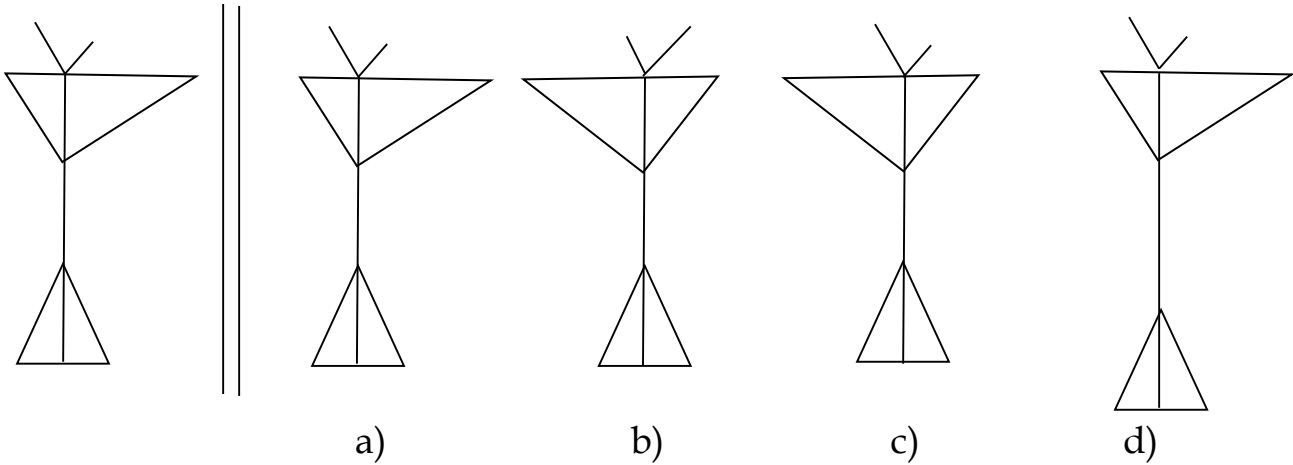
StQ, WrU, ApY, EmC, IlG, MjK

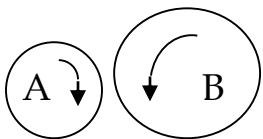
- a) EmC b) WrU c) ApY d) IlG

81. Which of the given is the mirror image of REASON, if the mirror is placed below the word?

- a) REAV20N b) KEV20N c) NOZAFER
 d) NOZAFER

88. There is a figure to the left of the vertical parallel lines. Its mirror image is given to the right of this line. Examine the figures carefully and find the one.



89.  When wheel B turns 2 revolutions, wheel A turns 5 revolutions. When wheel A turns 40 revolutions, how many revolutions does wheel B turn?

- a) 4 b) 80 c) 16 d) 100

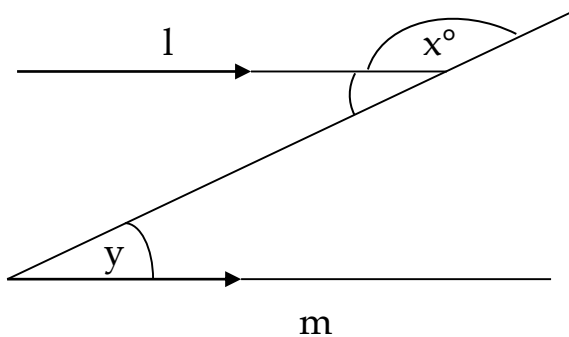
90. If COURAGE is added as RECGOAU, how is ADVENTURE coded?

- a) NEARDUVTE b) KRENUATVN c) RSKMQRKLM
d) MRHQCPVWQ

91. I bought a watch for Rs.60. What will it fetch if I sell at a gain of 25%?

- a) Rs. 72 b) Rs. 75 c) Rs. 77.50 d) Rs. 80

92. In the given diagram $l \parallel m$. Find x and y if $x=2y$.



- a) $x=130^\circ, y=50^\circ$ b) $x=110^\circ, y=55^\circ$ c) $x=140^\circ, y=70^\circ$ d) $x=120^\circ, y=60^\circ$

93. The value of $[- \{-(-2)\}] + (-7) \times \{-(-3)\}$ is _____

- a) -23 b) -12 c) 21 d) -289

94. Which number should come in the place of x?

$$\frac{1}{7} + \frac{2}{7} + \frac{x}{7} = 1\frac{3}{7}$$

- a) 1 b) 2 c) 3 d) 7

95. If $6(2a-1)+8=14$, then the value of a is _____

- a) 1 b) -1 c) $3\frac{1}{12}$ d) $\frac{4}{10}$

96. Study the given table. Which equation describes the correct relationship between the values of x and y in the given table?

| x | Y |
|---|----|
| 1 | -1 |
| 2 | 1 |
| 3 | 3 |
| 4 | 5 |

- a) $y=x+3$ b) $y=x-3$ c) $y=2x+3$ d) $y=2x-3$

97. What least value must be assigned to * so that the number $63576*2$ is divisible by 8?

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

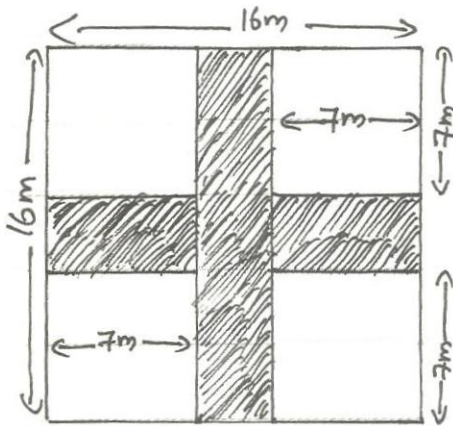
98. Sheena began her book by reading 5 pages the first day, eight pages the second day, eleven pages the third day, 14 pages the fourth day and so on. How many pages will she read on the twelfth day if she continues this pattern?

- a) 35 pages b) 41 pages c) 38 pages d) 44 pages

99. A basket contains 300 mangoes. 75 mangoes were distributed among students. The percentage of mangoes left in the basket is _____

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

100. Find the area of the shaded region in the given figure.



a) 64m^2

b) 60m^2

c) 58m^2

d) 62m^2

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Answer Key

Class: VII

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