

# SATCHASI CHHATRA MANGAL MERIT SEARCH TEST (SCMMST) 2026



**Reg. No.: S0010324/1970-71**

| <p><b>Roll No:</b> ..... <b>OMR Serial</b></p> <p><b>No.</b>.....</p> <p><b>Type of OMR</b>.....</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <p style="text-align: center;"><b>Class : VIII</b><br/> Full Marks : 100<br/> Time : <b>12 Noon – 2 PM</b><br/> Date of Examination:<br/> <b>30<sup>th</sup> August, 2026</b></p> <p>Signature of Invigilator:</p> <p style="text-align: center;">.....</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                |             |                |                      |                       |  |                      |                       |  |              |            |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|-------------|----------------|----------------------|-----------------------|--|----------------------|-----------------------|--|--------------|------------|--|
| <b>FOR STUDENTS</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <b>FOR EXAMINER</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                |             |                |                      |                       |  |                      |                       |  |              |            |  |
| <p style="text-align: center;"><b>INSTRUCTIONS</b></p> <ul style="list-style-type: none"> <li><b>YOU WILL ANSWER IN <u>OMR SHEET ONLY.</u></b></li> <li>YOU MUST ANSWER ALL QUESTIONS.</li> <li>DO NOT LOOK OTHER &amp; OUTSIDE.</li> <li>ONLY CORRECT ONE WILL BE MARKED.</li> <li><b><u>DARKEN ONLY ONE CIRCLE WITH YOUR BLACK/BLUE BALL PEN AND MAINTAIN THE INSTRUCTIONS AS PER OMR COPY.</u></b></li> <li><b>DO NOT USE WOOD PENCIL.</b></li> <li><b>IF YOU WILL MARK TWO / THREE / FOUR, THEN THAT WILL BE CANCELLED.</b></li> <li>YOU DO NOT DO YOUR ROUGH WORK IN THE <b>OMR SHEET.</b></li> <li>FIRST YOU THINK AND THEN YOU DO.</li> <li>YOUR ACHEIVMENT ONLY FOR YOU.</li> <li>IT HAS NO RELATION WITH YOUR REGULAR CLASS RESULT</li> <li>ALL QUESTIONS CARRY EQUAL MARK (I.E. 1)</li> <li>BEFORE THE FINAL STARTING BELL YOU WRITE YOUR NAME, ROLL NUMBER, ZONE AND ADDRESS.</li> <li><b>100 QUESTIONS MUST BE ANSWERED WITHIN TWO HOURS.</b></li> <li>NO EXTRA TIME WILL BE GIVEN FOR YOU FOR ANY CIRCUMSTANCE.</li> <li><b>ONLY YOU CAN DEVELOP YOURSELF.</b></li> </ul> | <table border="1" style="width: 100%; border-collapse: collapse; margin-bottom: 10px;"> <caption style="text-align: center; font-weight: normal;">TABLE FOR OBTAINED MARKS</caption> <tr> <th style="text-align: center;">TYPE QUESTION</th> <th style="text-align: center;">TOTAL MARKS</th> <th style="text-align: center;">OBTAINED MARKS</th> </tr> <tr> <td style="text-align: center;"><b>S<br/>A<br/>T</b></td> <td style="text-align: center;"><b>50<br/>(FIFTY)</b></td> <td></td> </tr> <tr> <td style="text-align: center;"><b>M<br/>A<br/>T</b></td> <td style="text-align: center;"><b>50<br/>(FIFTY)</b></td> <td></td> </tr> <tr> <td style="text-align: center;"><b>TOTAL</b></td> <td style="text-align: center;"><b>100</b></td> <td></td> </tr> </table> <p>Signature of Exam. Coordinator :</p> <p style="text-align: center;"><i>S. Mandal</i></p> <p style="text-align: center;">.....</p> <p>Date :</p> | TYPE QUESTION  | TOTAL MARKS | OBTAINED MARKS | <b>S<br/>A<br/>T</b> | <b>50<br/>(FIFTY)</b> |  | <b>M<br/>A<br/>T</b> | <b>50<br/>(FIFTY)</b> |  | <b>TOTAL</b> | <b>100</b> |  |
| TYPE QUESTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | TOTAL MARKS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | OBTAINED MARKS |             |                |                      |                       |  |                      |                       |  |              |            |  |
| <b>S<br/>A<br/>T</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <b>50<br/>(FIFTY)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                |             |                |                      |                       |  |                      |                       |  |              |            |  |
| <b>M<br/>A<br/>T</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <b>50<br/>(FIFTY)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                |             |                |                      |                       |  |                      |                       |  |              |            |  |
| <b>TOTAL</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <b>100</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                |             |                |                      |                       |  |                      |                       |  |              |            |  |

## **ROUGH WORK**

# Satchasi Chhatra Mangal Merit Search Test 2026

Total Question: 50

Subject Ability Test (SAT)

1x50= 50

Class VIII

---

1. বাংলা ভাষায় অপিনিহিতি প্রধানত কোন স্বরের সঙ্গে সম্পর্কিত?

- a) অ    b) ই    c) উ    d) ঋ

2. "রবি বই পড়ে। তারপর সে মাঠে যায়। সন্ধ্যায় বাড়ি ফিরে।" – এখানে মোট সরল বাক্য কয়টি?

- a) ১    b) ২    c) ৩    d) ৪

3. Fill in the blank:

The boy, \_\_\_\_\_ near the river, is my cousin.

- a) was fishing    b) is fishing    c) fishing    d) has fished

4. Select the synonym of 'brave'.

- a) timid    b) fearful    c) courageous    d) weak

5. Select the noun form of 'decide'.

- a) deciding    b) decision    c) decided    d) decisive

6. Fill in the blank:

She \_\_\_\_\_ in this school since 2018.

- a) had studied    b) have studied    c) has studied    d) is studying

7. What is the opposite word of 'honest'?

- a) truthful    b) sincere    c) dishonest    d) faithful

8. Fill in the blank:

The player showed \_\_\_\_\_ performance.

- a) excellent    b) excellently    c) excellence    d) excellents

9. Choose the correct phrase:

The girl with long hair is my sister.

- a) Noun phrase    b) Adjective phrase    c) Adverb phrase    d) None of these

## Satchasi Chhatra Mangal Merit Search Test 2026

10. Choose the name of clause:

I believe that she will succeed.

- a) Noun clause   b) Adjective clause   c) Adverb clause   d) None of these

11. Fill in the blank:

He came here \_\_\_\_\_ meet me.

- a) to   b) for   c) with   d) by

12. Identify the correct synonym:

The teacher noted the answer in her diary.

- a) erased   b) wrote   c) forgot   d) ignored

13. Change the voice:

They have completed the work.

- a) The work has completed by them.   b) The work has been completed by them.  
c) They have been completed the work.   d) Have they completed the work?

14. What is the underlined part?

The boy playing in the park is my friend.

- a) clause   b) phrase   c) sentence   d) none of these

15. A train travels 54 km in 3 hours. The speed of the train is:

- a) 5 m/s   b) 10 m/s   c) 15 m/s   d) 18 m/s

16. If each interior angle of a regular polygon is  $150^\circ$ , the number of sides is:

- a) 6   b) 8   c) 12   d) 15

17. Find the missing number:

3 4 5 6 7 ?

- a) 8   b) 9   c) 10   d) 11

18. If  $a/b$  is a rational number, then:

- a)  $a = 0$    b)  $b \neq 0$    c)  $a$  and  $b$  are both zero   d)  $a = b$

## Satchasi Chhatra Mangal Merit Search Test 2026

19. Fill in the blank:

$$(x + p)(?) = x^2 + (p + q)x + pq$$

- a)  $x + q$    b)  $x - q$    c)  $p + q$    d)  $p - q$

20. Rina has ₹8,000 after spending 50% of her money. How much money did she have at first?

- a) ₹8,000   b) ₹12,000   c) ₹16,000   d) ₹20,000

21. If the angles of a triangle are  $2x$ ,  $3x$ , and  $4x$ , then the value of  $x$  is:

- a)  $10^\circ$    b)  $20^\circ$    c)  $30^\circ$    d)  $40^\circ$

22. If the side of a square increases by 20%, the area increases by:

- a) 20%   b) 40%   c) 44%   d) 50%

23. Syrup and water are mixed in the ratio 4:3. If 7 litres of sherbet is taken and mixed with the same amount of water, the syrup and water become equal. How much sherbet was taken?

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

24. If  $a : b = 3 : 4$  and  $b : c = 5 : 6$ , then  $a : c = ?$

- a) 15 : 24   b) 5 : 8   c) 3 : 6   d) 4 : 5

25.  $x$  people can do a work in  $y$  days. In how many days will  $y$  people do  $x$  times that work?

- a)  $x^2$    b)  $xy$    c)  $x/y$    d)  $y/x$

26. If the area of a rectangular field is  $m^2 + 5m + 6$  and the width is  $m + 2$ , the length is:

- a)  $m + 3$    b)  $m - 3$    c)  $m +$    d)  $m - 2$

27. The SI unit of force is:

- a) joule   b) newton   c) watt   d) pascal

28. The positively charged particle in an atom is:

- a) electron   b) proton   c) neutron   d) nucleus

29. The powerhouse of the cell is:

## Satchasi Chhatra Mangal Merit Search Test 2026

a) nucleus   b) ribosome   c) mitochondria   d) lysosome

30. The bending of light when it passes from one medium to another is called:

a) reflection   b) refraction   c) dispersion   d) scattering

31. Antibiotics are mainly obtained from:

a) bacteria   b) fungi   c) protozoa   d) both a and b

32. The edible part of onion is:

a) root   b) stem   c) bulb   d) leaf

33. Kaziranga is a famous:

a) sanctuary   b) conservation forest   c) biosphere reserve   d) national park

34. The stimulant present in coffee is:

a) tannin   b) caffeine   c) nicotine   d) curcumin

35. Which of the following is a cash crop?

a) rice   b) wheat   c) cotton   d) maize

36. If the distance of an object from a plane mirror is doubled, the distance between the object and its image becomes:

a) same   b) doubled   c) tripled   d) four times

37. If the mass of an object is 5 kg, its weight on Earth is:

a) 9.8 N   b) 19.6 N   c) 49 N   d) 98 N

38. Noble gases are called:

a) monovalent elements   b) divalent elements   c) trivalent elements   d) zero-valent elements

39. The number of chromosomes in a human body cell is:

a) 44   b) 45   c) 46   d) 48

40. Which blood component decreases significantly in dengue fever?

a) RBC   b) plasma   c) platelets   d) WBC

## Satchasi Chhatra Mangal Merit Search Test 2026

41. Who discovered cells?

- a) Robert Brown   b) Robert Hooke   c) Gregor Mendel   d) Louis Pasteur

42. At which temperature does water have maximum density?

- a) 0°   b) 4°C   c) 25°C   d) 100°C

43. The 'suicide bag' of the cell is:

- a) ribosome   b) mitochondria   c) plastid   d) lysosome

44. Which metal is liquid at room temperature?

- a) sodium   b) lithium   c) mercury   d) iron

45. A hen's egg is an example of a:

- a) organ   b) tissue   c) cell   d) system

46. Curcumin is found in:

- a) cardamom   b) cinnamon   c) turmeric   d) clove

47. Satellites revolve around the Earth due to:

- a) electric force   b) magnetic force   c) gravitational force   d) frictional force

48. When glass is rubbed with silk, \_\_\_\_\_ are transferred from glass to silk.

- a) protons   b) neutrons   c) electrons   d) atoms

49. Sour food should not be stored in:

- a) glass vessel   b) aluminium vessel   c) steel vessel   d) earthen vessel

50. The lower part of a thundercloud is usually:

- a) positively charged   b) negatively charged   c) neutral   d) both positive and negative

## MENTAL ABILITY TEST

1 X 50 = 50

51. What comes next? 1, 4, 9, 16, 25, ?

a) 30 b) 36 c) 49 d) 32

52. Find the missing: 3, 9, 27, ?, 243

a) 54 b) 81 c) 72 d) 63

53. Find the odd one out: 2, 3, 5, 7, 9, 11

a) 2 b) 9 c) 11 d) 13

54. Ravi walks 10m North, turns right and walks 5m, then turns right and walks 10m. In which direction is he from his start?

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

55. Priya walks 6 km East, then 8 km North. What is the straight-line distance from her start?

a) 10 b) 12 c) 14 d) 07

56. If you face East and turn  $180^\circ$ , then turn  $90^\circ$  anticlockwise, which direction do you face?

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

57. All teachers are educated. Ritu is educated. Does it follow that Ritu is a teacher?

a) yes b) no c) yes if Ritu is female d) can not say

58. If APPLE is coded as BQQMF, how is MANGO coded?

a) NBOHP b) NBNHP c) NBOQH d) LZNFM

59. Book : Library :: Painting : ?

a) museum b) artist c) gallery d) canvas

60. Which one is different from the rest?

a) iron b) copper c) brass d) zinc

61. What comes next? AZ, BY, CX, DW, ?

a) EV b) EU c) EW d) FV

62. Pointing to a photograph, Meena says 'He is the only son of my mother's father.' How is that person related to Meena?

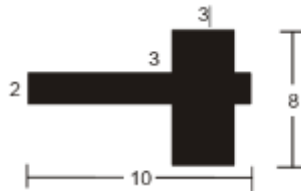
a) father b) grandfather c) brother d) uncle

63. The age of a man is same as his wife's age with the digits reversed. The sum of their ages is 99 and the man is 9 years older than his wife. How old is the man?

a) 50 b) 44 c) 54 d) 45

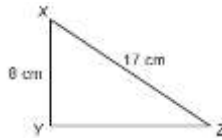
64. The area shaded portion formed by the two intersecting perpendicular rectangles, in square unit is

- a) 23 b) 38 c) 44 d) 46



65. What is the length of YZ ?

- a) 9 cm b) 15 cm c) 19 cm d) 25 cm



66. In which sport is the term "love" used?

- a) Football b) Tennis c) Basketball d) Hockey

67. Who painted the *Mona Lisa*?

- a) Pablo Picasso b) Leonardo da Vinci c) Vincent van Gogh d) Michelangelo

68. Who was the first President of India?

- a) Jawaharlal Nehru b) Rajendra Prasad c) Mahatma Gandhi d) Sardar Patel

69. Father is 5 years older than the mother and the mother's age is now thrice the age of her daughter. The daughter is now 10 years old. What was the father's age when the daughter was born?

- a) 20 years b) 15 years c) 25 years d) 30 years

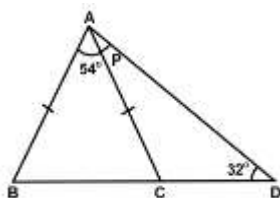
70. In a particular type of fertilizer, the ratio of two chemicals A and B is 2:5. In 21 kg of this fertilizer, if 3 kg of A is added, then what will be the ratio of A to B in the new fertilizer?

- a) 1:1 b) 2:3 c) 3:5 d) 4:5

71. The difference between a two-digit number (formed by non-identical numbers) and the number formed by reversing the digits is always divisible by \_\_\_\_\_.

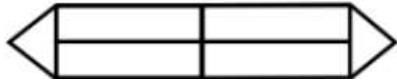
- a) 9 b) 11 c) 12 d) 15

72. In the figure shown below, ABC is an isosceles triangle and BCD is a straight line. The value of p is:



- A) 29° b) 31° c) 42° d) 53°

73. How many rectangles are there in the figure given below?



a) 7 b) 8 c) 9 d) 10

74. Which of the following will be the correct mirror image of the given figure, when the mirror is placed vertically to the right?



a)



b)



c)



d)



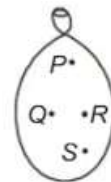
75. Look at the given pattern.

3, 7, 15, 31, 63,..... What is the 7<sup>th</sup> term in the pattern?

a) 127 b) 128 c) 255 d) 258

76. The balloon shown here is filled with water. Ashish wants to make a hole in the balloon so that water comes out with maximum pressure. At which point should he make hole?

a) P b) Q c) R d) S



77. If 21 is added to a number, it becomes 7 less than thrice of the number. Then, the number is-

a. 14 b. 16 c. 18 d. 19

78. Light year is a unit of measurement of \_\_\_\_\_.

a. Speed of light b. Stellar distances c. Speed of rockets d. Speed of aero planes

79. Water boils at a lower temperature on the hills because \_\_\_\_\_.

- a. It is cold on the hills
- b. There is less carbon dioxide on the hills.
- c. There is a decrease in air pressure on the hills
- d. There is less oxygen

80. How many countries are participating in world cup football 2026?

a. 32 b. 16 c. 48 d. 64

81. Which of the following countries is not a host of world cup football 2026.

a) USA b) Canada c) Colombia d) Mexico

82. What is the full form of WWW?

a) World Wise Web b) World Wide Web c) Work Wise Web d) none of the above

83. A sum of money doubles in 5 years. In how many years will it become 8 times?

a) 15 b) 10 c) 20 d) 25

84. The capital of Iran is

a) Baghdad b) Riyadh c) Moscow d) Tehran

85. Which is the largest organ in the human body?

a) liver b) kidney c) heart d) skin

86. Which is the hardest substance found in the human body?

a) Tooth enamel b) bone c) nail d) teeth

87. What is the name of the longest river in the world?

a) Nile River b) Ganga c) Mississippi d) Amazon

88. Which is the largest desert in the world (excluding the polar deserts)?

a) Sahara Desert b) Thar desert c) Arabian desert d) Gobi desert

89. If 5 printers can print 5 pages in 5 minutes, how many printers are needed to print 100 pages in 100 minutes?

a) 5 b) 10 c) 20 d) 25

90. In a school, the total enrolment of class 8th is 115. If the number of boys exceeds the number of girls by 33, then what is the number of boys in a class 8th?

a) 74 b) 72 c) 82 d) 84

91. World Environment Day is celebrated on

a) 5<sup>th</sup> June b) 20<sup>th</sup> April c) 21<sup>st</sup> June d) 1<sup>st</sup> May

92. The First woman president of India

a) Pratibha Patil b) Droupadi Murmu c) Indira Gandhi d) Sarojini Naidu

93. Dengue is caused by

a) bacteria b) virus c) fungus d) none of the above

94. One Kilobyte is equal to

a) 1000 byte b) 100 byte c) 1024 byte d) 100 megabyte

95. Who invented the letter zero?

a) Galileo Galili b) Aryabhata c) Issac Newton d) Zhu Shijie

96. Which non-metal is a good conductor of electricity

a) diamond b) graphite c) aluminium d) copper

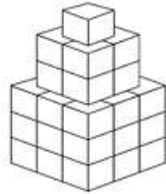
97. Which was the first animal to go to space?

a) dog b) cat c) goat d) rabbit

98. Ramesh scored 45 marks, which is 75% of the total. What was the total marks?

a) 60 b) 75 c) 4 d) 55

99. Count the number of cubes in the following picture



a) 35 b) 36 c) 25 d) 26

100. Rabindranath Tagore got Nobel Prize in

a) Physics b) Peace c) Medicine d) Literature