

SATCHASI CHHATRA MANGAL MERIT SEARCH TEST (SCMMST) 2026



Reg. No.: S0010324/1970-71

Roll No: OMR Serial No...... Type of OMR.....	Class : VII Full Marks : 100 Time : 12 Noon – 2 PM Date of Examination: 30th August, 2026 Signature of Invigilator: 												
FOR STUDENTS	FOR EXAMINER												
INSTRUCTIONS YOU WILL ANSWER IN <u>OMR SHEET ONLY.</u> - YOU MUST ANSWER ALL QUESTIONS. - DO NOT LOOK OTHER & OUTSIDE. - ONLY CORRECT ONE WILL BE MARKED. <u>DARKEN ONLY ONE CIRCLE WITH YOUR BLACK/BLUE BALL PEN AND MAINTAIN THE INSTRUCTIONS AS PER OMR COPY.</u> DO NOT USE WOOD PENCIL. IF YOU WILL MARK TWO / THREE / FOUR, THEN THAT WILL BE CANCELLED. - YOU DO NOT DO YOUR ROUGH WORK IN THE OMR SHEET. - FIRST YOU THINK AND THEN YOU DO. - YOUR ACHEIVMENT ONLY FOR YOU. - IT HAS NO RELATION WITH YOUR REGULAR CLASS RESULT - ALL QUESTIONS CARRY EQUAL MARK (I.E. 1) - BEFORE THE FINAL STARTING BELL YOU WRITE YOUR NAME, ROLL NUMBER, ZONE AND ADDRESS. 100 QUESTIONS MUST BE ANSWERED WITHIN TWO HOURS. - NO EXTRA TIME WILL BE GIVEN FOR YOU FOR ANY CIRCUMSTANCE. ONLY YOU CAN DEVELOP YOURSELF.	TABLE FOR OBTAINED MARKS <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th style="width: 33%;">TYPE QUESTION</th> <th style="width: 33%;">TOTAL MARKS</th> <th style="width: 33%;">OBTAINED MARKS</th> </tr> </thead> <tbody> <tr> <td>S A T</td> <td>50 (FIFTY)</td> <td></td> </tr> <tr> <td>M A T</td> <td>50 (FIFTY)</td> <td></td> </tr> <tr> <td>TOTAL</td> <td>100</td> <td></td> </tr> </tbody> </table> Signature of Exam. Coordinator : <i>S. Mandal</i> Date :	TYPE QUESTION	TOTAL MARKS	OBTAINED MARKS	S A T	50 (FIFTY)		M A T	50 (FIFTY)		TOTAL	100	
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ROUGH WORK

S.C.M.M.S.T. – 2026
CLASS - VII
English Medium
SAT (Scholastic Aptitude Test)

1×50=50

1. 'কোল' থেকে 'কোলে' — এটি ব্যাকরণের কোন নিয়মের উদাহরণ?
(A) সন্ধি বিচ্ছেদ (B) পদ পরিবর্তন (C) গদ্যরূপে পরিবর্তন (D) কারক ও বিভক্তি
2. নিচের কোন শব্দযুগলের অর্থপার্থক্য সঠিক নয়?
(A) কূল (নদীর তীর) / কুল (বংশ) (B) দিন (দিবস) / দীন (দরিদ্র)
(C) অন্ন (ভাত) / অন্য (অপর) (D) চির (দীর্ঘকাল) / চীর (ছেঁড়া কাপড়)
3. Identify the antonym of the word "Ancient":
(A) Old (B) Modern (C) Historic (D) Antique
4. Choose the sentence with the correct use of the apostrophe:
(A) The dogs's tails were wagging. (B) The girls' team were waving.
(C) The girls teams' were waving. (D) The dogs' tails were wagging.
5. Fill in the blank with the correct possessive pronoun: "This book is not mine, it is ____."
(A) Her (B) hers (C) she (D) your
6. Complete the sentence using the correct degree of adjective: "Iron is _____ than any other metal."
(A) Useful (B) more useful (C) most useful (D) as useful as
7. Identify the tense of the following sentence: "They were playing football when it started raining."
(A) Present Continuous Tense (B) Present Perfect Tense
(C) Past Continuous Tense (D) Past Perfect Tense
8. In the phrase "a barking dog", the word "barking" acts as a/an:
(A) Gerund (B) Participle (C) Modal Verb (D) Adverb
9. Change the narration: He said, "I am writing a letter."
(A) He said that he is writing a letter.
(B) He said that he was writing a letter.
(C) He said that he had been writing a letter.
(D) He told that I was writing a letter.
10. Which suffix can be added to the word "Manage" to make it a noun?
(A) -ful (B) -ment (C) -tion (D) -ly
11. Identify the Nominal Compound in the following options:
(A) Running fast (B) Dining table (C) Very beautiful (D) Sing a song
12. Fill in the blank with the correct tense form: "By next year, I _____ my schooling."
(A) will complete (B) completed
(C) am completing (D) will have completed
13. What is the one-word substitution for "A person who looks at the bright side of things"?
(A) Pessimist (B) Atheist (C) Optimist (D) Philanthropist
14. Complete the simile: "As cool as a _____."
(A) Ice (B) Cucumber (C) Winter (D) Breeze

15. If $A : B = 2 : 3$ and $B : C = 4 : 5$, then what is $A : B : C$?
 (A) $2 : 4 : 5$ (B) $8 : 12 : 15$ (C) $6 : 9 : 15$ (D) $8 : 10 : 15$
16. What is the value of $(-5) \times (-4) + (-10) \div 2$?
 (A) 15 (B) -25 (C) 25 (D) -15
17. What will be the simplified value of $\frac{2^3 \times 4^4}{128}$?
 (A) 16 (B) 256 (C) 128 (D) 4^{12}
18. If $2x + \frac{1}{x} = 4$, then what is the value of $x^2 + \frac{1}{4x^2}$?
 (A) 16 (B) 3 (C) 9 (D) 12
19. If one of two supplementary angles is 75° , what is the other angle?
 (A) 15° (B) 105° (C) 90° (D) 180°
20. Which of the following condition criteria is NOT applicable for $\triangle ABC$ and $\triangle DEF$ to be congruent?
 (A) S-S-S (Side-Side-Side) (B) S-A-S (Side-Angle-Side)
 (C) A-A-A (Angle-Angle-Angle) (D) R-H-S (Right angle-Hypotenuse-Side)
21. What is the value of 15.999 rounded off to two decimal places?
 (A) 15.99 (B) 16.00 (C) 15.90 (D) 15.30
22. What is the value of $\sqrt{1\frac{9}{16}}$?
 (A) $1\frac{3}{4}$ (B) $\frac{5}{4}$ (C) $\frac{4}{5}$ (D) $2\frac{1}{4}$
23. When two parallel lines are intersected by a transversal, what is the sum of the interior angles on the same side of the transversal?
 (A) 90° (B) 180° (C) 360° (D) 45°
24. A train is moving at a speed of 54 km/h. A person sitting in the train observed that it took 10 seconds to pass a platform. But in reality, the train crossed that platform in 20 seconds. If the length of the train and the length of the platform are equal, what is the length of the train in meters?
 (A) 150 m (B) 200 m (C) 250 m (D) 100 m
25. The area of a square is equal to the area of a rectangle. If the length of the rectangle is 16 cm and the perimeter of the square is 48 cm, what is the perimeter of the rectangle?
 (A) 120 cm (B) 240 cm (C) 100 cm (D) 360 cm
26. What is the value of x in the equation $\frac{x(x-3)}{4} = \frac{x(x-5)}{3}$?
 (A) 2 (B) 11 (C) -2 (D) 5
27. Which of the following phenomena does NOT occur due to the diurnal/rotational motion of the Earth?
 (A) Day and night occur (B) Change of seasons occurs
 (C) High and low tides occur (D) Direction of wind flow changes
28. What is the latitude of the Prime Meridian?
 (A) 0° (B) 180° (C) 90° E (D) 23° E
29. Which of the following the highest civilian award of India?
 (A) Padmavibhushan (B) Param Veer Chakra
 (C) Bharatrantra (D) Jnanpeeth Award

30. Which of the following landforms is formed in the upper course (mountainous course) of a river?
- (A) Oxbow lake (B) Delta
(C) Gorge / V-shaped valley (D) Floodplain
31. A prime example of a metamorphic rock is:
- (A) Granite (B) Limestone (C) Marble (D) Sandstone
32. Who is known as the Father or chief architect of the Constitution of India?
- (A) Mahatma Gandhi (B) Dr. B. R. Ambedkar
(C) Jawaharlal Nehru (D) Netaji Subhash Chandra Bose
33. How many colored rings are there in the Olympic Games symbol?
- (A) 4 (B) 5 (C) 6 (D) 3
34. What is the normal atmospheric pressure at sea level?
- (A) 1013.25 millibars (B) 980 millibars
(C) 1080 millibars (D) 850 millibars
35. Who wrote the book 'Discovery of India'?
- (A) Rabindranath Tagore (B) Jawaharlal Nehru
(C) A. P. J. Abdul Kalam (D) Raja Ram Mohan Roy
36. When is 'World Oceans Day' celebrated?
- (A) June 8 (B) April 22 (C) June 5 (D) December 1
37. Who holds the supreme/sovereign power in a democracy?
- (A) The country's military (B) The people of the country
(C) The elected Prime Minister (D) The judiciary
38. What is the name of India's space mission that successfully landed on the south pole of the Moon?
- (A) Chandrayaan-2 (B) Mangalyaan
(C) Chandrayaan-3 (D) Gaganyaan
39. What is the SI unit for measuring force?
- (A) Joule (B) Newton (C) Watt (D) Pascal
40. How many total bones are in an adult human body?
- (A) 206 (B) 306 (C) 150 (D) 250
41. A deficiency of which vitamin makes it difficult for blood to clot in the human body?
- (A) Vitamin B (B) Vitamin C (C) Vitamin K (D) Vitamin D
42. Which of the following is the chemical formula of Phosphorus Pent oxide?
- (A) PO_3 (B) PO_5 (C) PO_4 (D) PO_2
43. Keeping the applied force constant, if the surface area in contact is decreased, how will the pressure change?
- (A) Pressure will decrease (B) Pressure will increase
(C) Pressure will remain the same (D) Pressure will become zero
44. Which of the following is used as a catalyst in the preparation of Oxygen gas?
- (A) MnO_2 (B) $NaCl$ (C) Iron Dust (D) Carbon
45. From which gland is the hormone insulin secreted in the human body?
- (A) Thyroid (B) Pituitary (C) Pancreas (D) Adrenal
46. Which of the following is widely used as the main nitrogenous fertilizer for plants?
- (A) Potash (B) Urea
(C) Super Phosphate (D) Cow Dung Fertilizer

47. Which is the primary greenhouse gas responsible for Global Warming?

- (A) Nitrogen (B) Carbon Dioxide (C) Carbon Monoxide (D) Hydrogen

48. Which two main gases are responsible for Acid Rain?

- (A) O_2 & N_2 (B) SO_2 & NO_2
(C) CO_2 & He (D) CH_4 & H_2

49. Which of the following is an In-situ method of Biodiversity Conservation?

- (A) Zoo (B) Botanical Garden
(C) National Park (D) Cryopreservation

MAT (Mental Ability Test)

1×50=50

50. If $A = 1$, $B = 2$, $C = 3$, then $DOG = ?$
(A) 26 (B) 36 (C) 47 (D) 42
51. Complete the series: 2, 4, 8, 16, 32, ?
(A) 48 (B) 64 (C) 40 (D) 50
52. Which of the following is the odd one out?
(A) Circle (B) Square (C) Triangle (D) Cube
53. If you stand facing the rising sun in the morning, to which direction will your right hand direct?
(A) North (B) South (C) East (D) West
54. If 'Red' means 'Green', 'Green' means 'Yellow', 'Yellow' means 'Blue', then what is the color of clear sky?
(A) Red (B) Green (C) Yellow (D) Blue
55. Complete the series: A, C, E, G, I, ?
(A) J (B) K (C) L (D) M
56. Standing in a line Ram finds himself 7th from the right and 9th from the left. How many person are there in the line?
(A) 16 (B) 15 (C) 17 (D) 14
57. If 'Pen' is to 'Write', then 'Knife' is to _____?
(A) Cut (B) Shave (C) Sharp (D) Eat
58. If the day before yesterday is Tuesday, tomorrow will be.....
(A) Thursday (B) Friday (C) Saturday (D) Wednesday
59. Pointing to a photograph, Ram said to a man, "He is the son of my father's only brother." How is the man in the photograph related to Ram?
(A) nephew (B) paternal uncle (C) cousin (D) maternal uncle
60. If $+$ = $\times$, $-$ = $\div$, $\times$ = $-$, & $\div$ = $+$, then what is the value of $6 + 4 - 2 \div 5$?
(A) 17 (B) 15 (C) 12 (D) 20
61. If CLOCK is coded as KCOLC, then WATCH is coded as _____?
(A) HCTAW (B) HCTWA (C) HWATC (D) CHTAW
62. If you cut a simple quadrilateral through its two diagonals, how many triangles will be generated?
(A) 4 (B) 6 (C) 8 (D) 10
63. Five friends A, B, C, D & E are sitting on a circular table facing to the centre of the table. C is left to A and D is right to E. If B sits between A & E, who is right to C?
(A) B (B) A (C) D (D) E
64. At 4:30, what is the angle between the hour hand and the minute hand of a clock?
(A) 45° (B) 60° (C) 30° (D) 90°
65. What is 0.05 expressed as a percentage?
(A) 0.5% (B) 5% (C) 50% (D) 0.005%
66. What is the average of the first 100 natural numbers?
(A) 52.5 (B) 50.5 (C) 53.5 (D) 54

67. Which of the following fractions is the largest?

- (A) $\frac{1}{2}$ (B) $\frac{3}{4}$ (C) $\frac{1}{4}$ (D) $\frac{2}{3}$

68. What is 20% of 250?

- (A) 25 (B) 50 (C) 75 (D) 20

69. If 12 frocks can be sewed by 36 men in one day, how many men can sew 9 frocks in one day?

- (A) 27 (B) 72 (C) 120 (D) 54

70. If $\frac{3}{4}$ of a number is 12, what is the number?

- (A) 9 (B) 16 (C) 24 (D) 18

71. Simplify: $50 - 4 \times (10 - 6) + 2$?

- (A) 36 (B) 186 (C) 42 (D) 34

72. The ratio of red balls and blue balls in a box is 3 : 5. If their sum is 40, what is the number of blue balls?

- (A) 15 (B) 25 (C) 20 (D) 30

73. What is the simple interest on ₹500 at 5% per annum for 3 years?

- (A) 75 (B) 50 (C) 25 (D) 100

74. An item purchased for ₹400 was sold for ₹448. What is the percentage of profit?

- (A) 8% (B) 12% (C) 10% (D) 15%

75. The L.C.M of two numbers is 60 and their H.C.F is 5. If one number is 15, what is the other number?

- (A) 20 (B) 30 (C) 45 (D) 10

76. What is $0.333... + 0.666...$ equal to?

- (A) 0.99 (B) 1 (C) 0.18 (D) 1.1

77. If 4 workers build a wall in 6 days, how many days will 8 workers take to build the same wall?

- (A) 12 (B) 3 (C) 4 (D) 2

78. If 10 is added to the square of a number you get 154, what is the number?

- (A) 12 (B) 13 (C) 11 (D) 14

79. The present age of a father is five times of the present age of his son. 5 years ago, the sum of their age was 50. What is the present age of the father?

- (A) 45 years (B) 50 years (C) 35 years (D) 30 years

80. A student needs 40% marks to pass an exam. Ram gets 50 marks and fails. If the total marks of the exam are 200, how many marks did Ram required to get passed?

- (A) 60 (B) 30 (C) 100 (D) 200

81. A rectangular field has 10 m length and 5 m width. How much will be spent to fence the field?

- (A) ₹11.50 (B) ₹15.50 (C) ₹10.95 (D) ₹11.25

82. If $\frac{1}{3}$ of a tank is filled with water and 10 liters more are added to fill it completely, what is the capacity of the tank in liters?

- (A) 15 (B) 20 (C) 30 (D) 25

83. Ram goes 4 km towards north from his house. Then he turns right and goes 3 km. how far is he now from his house now (straight distance)?

- (A) 7 (B) 5 (C) 1 (D) 25

84. What is the profit percentage if cost price of 10 pens is equal to selling price of 8 pens?

- (A) 20% (B) 25% (C) 30% (D) 15%

85. $\frac{1}{2}$ part of a pole is into the mud and $\frac{1}{3}$ part of it is under water and remaining 2 m is above water. What is the length of the pole (in metre)?
(A) 12 (B) 10 (C) 6 (D) 18
86. A boat can run 12 km/h downstream and 8 km/h upstream. What is the speed of the boat itself in still water?
(A) 10 km/h (B) 2 km/h (C) 4 km/h (D) 90 km/h
87. In how many years a principal will be doubled itself at 5% per annum simple interest?
(A) 10 (B) 15 (C) 20 (D) 25
88. A student was told to multiply a certain number by 5. But the student mistakenly divided the number by 5. His answer was 2. What the right answer should be?
(A) 10 (B) 25 (C) 50 (D) 5
89. The average run rate of a cricket match was 4.5 in first 10 overs. If the target is 290, what should be the run rate in next 40 overs?
(A) 6.125 (B) 6.5 (C) 5.75 (D) 7.0
90. Which of the following is used as an input device to enter data on a computer or phone screen?
(A) Monitor (B) Keyboard (C) Printer (D) Speaker
91. How many total squares are there on a chessboard?
(A) 50 (B) 64 (C) 36 (D) 100
92. Who was the first Prime Minister of independent India?
(A) Dr. Rajendra Prasad (B) Pandit Jawaharlal Nehru
(C) Sardar Vallabhbhai Patel (D) Mahatma Gandhi
93. Which two plants/trees are found in the Sundarbans region?
(A) Pine and Deodar (B) Hental and Golpata
(C) Sal and Teak (D) Cactus and Phanimanasa
94. Where is the primary space research headquarters of India's ISRO located?
(A) Mumbai (B) New Delhi (C) Bengaluru (D) Kolkata
95. Who was the first Indian recipient of the Nobel Prize?
(A) C. V. Raman (B) Mother Teresa (C) Amartya Sen (D) Rabindranath Tagore
96. What is the longest river in India?
(A) Brahmaputra (B) Ganga (C) Godavari (D) Indus
97. Approximately how long does it take for sunlight to reach the Earth?
(A) 2 minutes (B) 8 minutes 20 seconds
(C) 15 minutes (D) 5 seconds
98. What is the short form for a score that measures human intelligence and cognitive ability?
(A) EQ (B) IQ (C) SQ (D) CQ
99. Who is the current President of India?
(A) Narendra Modi (B) Droupadi Murmu
(C) Jagdeep Dhankhar (D) Ram Nath Kovind