

All India Science Teachers' Association, West Bengal
SCIENCE APTITUDE AND TALENT SEARCH TEST - 2025

Time : 1 hr. 45 min.

Full Marks : 60

Class - IV

INSTRUCTIONS :

1) Write your name, class, name of school and roll number both at left and right side on the answer sheet. 2) In the question paper you will find four probable answers : a), b), c) and d) against each question. Find out which one of the answers is correct or the best. There are four circles on the answer sheet corresponding to each question below a), b), c) and d). Now mark the circle below the letter of selected answer by putting a cross mark distinctly with a ball pen. If c) is the correct answer, you are to mark ○○⊗○. 3) 1 mark will be awarded for each correct answer and 1 mark will be deducted for 3 wrong answers. 4) Don't write anything on the question paper. Don't mark answers on the question paper. Submit the answer sheet only after the examination. 5) You may use additional blank sheet for any rough work, if necessary. 6) Do not waste time for any question which appears difficult to you, better try next question. If you consider first answer to be wrong, blacken it like ● and put ⊗ on correct answer.

1. Wet clothes are dried in sunlight. Water transforms into
a) salt b) ice c) cloud d) vapor
2. An invertebrate is
a) snake b) cockroach c) frog d) lizard
3. The element in air which helps in respiration is
a) oxygen b) nitrogen
c) carbon dioxide d) both a) and c)
4. A product of copper and tin is
a) steel b) bronze c) zinc d) lead
5. Living one among the following is
a) algae b) egg shell c) bird's nest d) gas balloon

6. A food, not a fruit, is
a) garlic b) guava c) mango d) banana
7. Throughout the year, we see in the north sky, the
a) moon b) star arundhati c) pole star d) comet
8. A substance different from the other three of the following is
a) glass b) ice c) water d) water vapor
9. The biggest planet in the solar system is the
a) mars b) venus c) earth d) jupiter
10. A protein rich food among the following is
a) egg b) rice c) banana d) bread
11. The shadow of a stick implanted in ground is smallest in the
a) morning b) afternoon c) 3 pm d) 12 noon
12. Solar eclipse occurs on the day of
a) full moon b) new moon
c) 8th day of bright fortnight d) 8th day of dark fortnight
13. Thundering occurs mostly on the tree
a) paddy b) fig c) guava d) coconut
14. We should cross the road when the signal is
a) violet b) yellow c) red d) green
15. Of the four living beings named below, the one breathes in a different way is
a) snake b) bee c) scorpion d) rohu fish
16. For making food, trees use from air
a) oxygen b) nitrogen c) helium d) carbon di oxide

27. A vegetarian animal is
a) snake b) lizard c) man d) goat
28. The material which has a definite shape is
a) petrol b) air c) water d) solid substance
29. The one of the following not used for self defence is
a) spine of porcupine b) horns of cow
c) trunk of elephant d) wings of butterfly
30. The species which is neither extinct nor endangered is
a) dodo bird b) human being
c) Himalayan dwarf titir d) Indian pink swan
31. The sum of the greatest and least odd numbers of two digits is
a) 100 b) 109 c) 111 d) 110
32. The sum of all the factors of 24 is
a) 48 b) 60 c) 59 d) 36
33. The difference between the place values of 6 and 3 in the number 96735 is
a) 5700 b) 5800 c) 5970 d) 3
34. $\frac{3}{4}$ th of 1 kilometre is
a) 250 m. b) 750 m. c) 7500 m. d) 75 m.
35. The ninth multiple of 117 is
a) 1053 b) 9963 c) 1049 d) 999
36. 25 cm. 5 mm. is equivalent to
a) 2550 mm. b) 2.55 cm. c) 25.5 cm. d) 0.255 cm.
37. The predecessor of the smallest four digit integer is
a) 9999 b) 1001 c) 990 d) 999

38. The average of 8, 0, 11, 15, 0 and 14 is
a) 8 b) 10 c) 11 d) 12
39. The smallest number formed with the digits 1, 0, 4, 0 and 8 using only once is
a) 148 b) 10048 c) 14800 d) 10408
40. The sum of three consecutive number is 303. The smallest number is
a) 201 b) 200 c) 100 d) 101
41. The cost of one book is ₹ 325. The cost of 29 such books will be
a) ₹ 9425 b) ₹ 9420 c) ₹ 8845 d) ₹ 6525
42. Moumita bought 8 pens and gave the shopkeeper a 100 rupee note, and the shopkeeper took the price of the pens and returned Moumita Rs. 14. The cost of each pen was
a) Rs. 8 b) Rs. 10 c) Rs. 10.90 d) Rs. 10.75
43. How many hours are there in one year ?
a) 8760 b) 8774 c) 8772 d) 8784
44. A pumpkin weighing 4 kg. 600 gm. grew in Bablu's garden. Of this large pumpkin, he gave 800 gm. to Sonali, 1 Kg. 250 gm to me and 650 gm. to Mohit. The weight of the portion of pumpkin Bablu has left with him is
a) 2 kg. 700 gm. b) 1 kg. 700 gm.
c) 1 kg. 900 gm. d) 250 gm.
45. The sum of two numbers is 9870. If one number is greater than the other number by one thousand ten, then the greater number is
a) 8560 b) 8860 c) 5440 d) 4430

54. Simplified value of $21 \div 7 \times 2 - 4 \times 2 + 25 \div 5$ is
a) 0 b) 1 c) 9 d) 3
55. The minimum number of line segments you need to enclose an area is
a) 1 b) 2 c) 3 d) 4
56. The upper face of a match-box is a
a) rectangle b) square c) triangle d) circle
57. Number of straight line segments in the word AM is
a) 10 b) 6 c) 4 d) 7
58. The closed curve among the following curves is
a) G b) D c) S d) U
59. The product of the successor and the predecessor of a number is 224. The number is
a) 12 b) 13 c) 14 d) 15
60. Rimi is 10 years 6 months 12 days old. Malina is 5 years 7 months 20 days old. Their average age is
a) 8 years 1 month 1 day b) 8 years 1 month
c) 8 years 8 days d) 7 years 9 months 12 days

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