Sainik School Entrance Practice Paper – 02

AISSEE · Class IX · All India Sainik Schools Entrance Examination pattern

Time: 3 hours (180 minutes) **Maximum Marks:** 400 **Questions:** 150 (all MCQ)

Sec.	Subject	Qs	Marks each	Total
A	Mathematics	50	4	200
B	Intelligence	25	2	50
C	English	25	2	50
D	General Science	25	2	50
E	Social Science	25	2	50
	Total	**150**		**400**

General Instructions

- All questions are compulsory. Each question has four options; choose the one correct answer.
- Mathematics carries 4 marks per question; all other sections carry 2 marks per question.
- There is no negative marking in this practice paper.
- Rough work may be done in the margins. Use of calculators is not allowed.
- Syllabus: AISSEE Class IX (NTA), based on NCERT Class VIII books (and NCERT Class VI–VIII *Exploring Society* for Social Science).
- Suggested timing: Maths 80 min · Intelligence 25 min · English 25 min · Science 25 min · Social Science 25 min.

Name: _____ Roll No.: _____ Date: _____

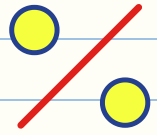
SAMPLE PREVIEW

Section A – Mathematics

Questions 1–50 · 4 marks each · 200 marks

1. 35% of 160 is

(a) 62 (b) 560 (c) 56 (d) 112



2. The median of 24, 13, 77, 20, 27, 55, 51, 58, 39 is

(a) 27 (b) 39 (c) 40 (d) 51

3. The cube root of 6859 is

(a) 28 (b) 17 (c) 20 (d) 19

4. Which rational number lies between 1/4 and 1/3?

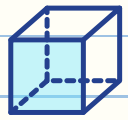
(a) 5/6 (b) −1/12 (c) 7/24 (d) 4/3

5. Each interior angle of a regular polygon with 18 sides is

(a) 166° (b) 150° (c) 160° (d) 20°

6. How many faces does a triangular prism have?

(a) 4 (b) 9 (c) 6 (d) 5



7. If $a + b = 9$ and $ab = 14$, then $a^2 + b^2 =$

(a) 81 (b) 53 (c) 67 (d) 109

8. Evaluate 49×51 using a suitable identity.

(a) 2450 (b) 2499 (c) 2498 (d) 2501

9. Simplify: $(2^6 \times 2^4) \div 2^8$

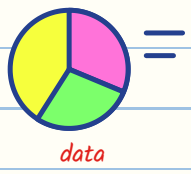
(a) 4 (b) 5 (c) 8 (d) 65536

10. The value of 4^{-2} is

(a) 1/8 (b) −16 (c) 1/16 (d) −8

11. The mean of 44, 19, 39, 49, 47, 48 is

(a) 39 (b) 42 (c) 47 (d) 41



12. Three angles of a quadrilateral are 56°, 86° and 121°. The fourth angle is

(a) 218° (b) 77° (c) 97° (d) 107°

13. Which of the following is a Pythagorean triplet?

(a) (12, 35, 38) (b) (12, 35, 37)

(c) (6, 7, 8) (d) (13, 36, 38)

SAMPLE PREVIEW

Preview ends here

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