Sainik School Entrance Practice Paper – 13

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. The length of a rectangle exceeds its breadth by 5 cm. If its perimeter is 106 cm, its length is

(a) 29 cm (b) 26 cm (c) 34 cm (d) 24 cm

2. Evaluate 95×105 using a suitable identity.

(a) 9990 (b) 9975 (c) 10025 (d) 9500

3. Using an identity, $52^2 =$

(a) 2700 (b) 2504 (c) 2904 (d) 2704

4. The sum of the interior angles of a heptagon is

(a) 1260° (b) 810° (c) 1080° (d) 900°

5. An exterior angle of a triangle is 144° and one of its interior opposite angles is 75°. The other interior opposite angle is

(a) 36° (b) 75° (c) 69° (d) 105°

6. The value of 2^{-3} is

(a) −8 (b) 1/6 (c) −6 (d) 1/8

7. The unit digit of 48^3 is

(a) 2 (b) 3 (c) 8 (d) 4

8. The value of $(-5/6) + (5/9)$ is

(a) $-5/18$ (b) $5/18$ (c) 0 (d) $-25/18$



think!

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

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

10. The total surface area of a cuboid 10 cm × 8 cm × 5 cm is

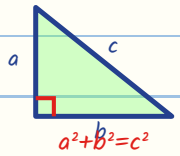
(a) 400 cm² (b) 340 cm² (c) 180 cm² (d) 170 cm²

11. The median of 74, 80, 81, 20, 31, 64, 26, 30, 55 is

(a) 31 (b) 51 (c) 64 (d) 55

12. The angles of a triangle are in the ratio 3 : 4 : 5. The largest angle is

(a) 90° (b) 45° (c) 60° (d) 75°



13. If $a + b = 10$ and $ab = 9$, then $a^2 + b^2 =$

(a) 100 (b) 118 (c) 91 (d) 82

SAMPLE PREVIEW

Preview ends here

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