Sainik School Entrance Practice Paper – 06

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. Using the shortcut for numbers ending in 5, 35^2 =

(a) 1275 (b) 1225 (c) 1125 (d) 925

2. The length of a rectangle exceeds its breadth by 6 cm. If its perimeter is 48 cm, its length is

(a) 9 cm (b) 21 cm (c) 15 cm (d) 12 cm

3. Each exterior angle of a regular polygon is 24°. The number of sides is

(a) 14 (b) 17 (c) 30 (d) 15

4. A car moves at 45 km/h. How far does it go in 120 minutes?

(a) 90 km (b) 45 km (c) 22.5 km (d) 100 km

5. The square root of 2304 is

(a) 48 (b) 44 (c) 50 (d) 42

6. Simplify: $(-6/11) \times (-22/3)$

(a) 4 (b) −4 (c) −2 (d) 9/121

7. The base of a parallelogram is 20 cm and its height is 11 cm. Its area is

(a) 231 cm^2 (b) 220 cm^2 (c) 62 cm^2 (d) 110 cm^2

8. The standard form of 0.00048 is

(a) 4.8×10^{-4} (b) 4.8×10^{4}

(c) 0.48×10^{-5} (d) 48×10^{-6}

9. The unit digit of 14^3 is

(a) 6 (b) 2 (c) 5 (d) 4

10. The ratio of 250 g to 2 kg is

(a) 1 : 8 (b) 1 : 80 (c) 8 : 1 (d) 250 : 2

11. The length and breadth of a rectangle are 12 cm and 5 cm. Its diagonal is

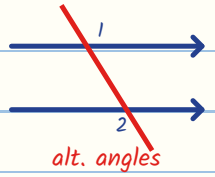
(a) 13 cm (b) 12 cm (c) 14 cm (d) 17 cm

12. The sum of the interior angles of a nonagon is

(a) 1170° (b) 1620° (c) 1440° (d) 1260°

13. Two angles forming a linear pair are $(1x + 5)°$ and $(4x + 120)°$. The value of x is

(a) 36 (b) 16 (c) 22 (d) 11



SAMPLE PREVIEW

Preview ends here

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