Sainik School Entrance Practice Paper – 05

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. An exterior angle of a triangle is 135° and one of its interior opposite angles is 72°. The other interior opposite angle is

(a) 45° (b) 63° (c) 108° (d) 72°

2. The value of 2^{-5} is

(a) 1/10 (b) −32 (c) −10 (d) 1/32

3. The sum of a two-digit number and the number formed by reversing its digits is always divisible by



think!

(a) 11 (b) 10 (c) 2 (d) 9

4. The unit digit of 48^3 is

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

5. A car moves at 54 km/h. How far does it go in 150 minutes?

(a) 21.6 km (b) 135 km (c) 145 km (d) 67.5 km

6. Three angles of a quadrilateral are 93°, 87° and 115°. The fourth angle is

(a) 45° (b) 65° (c) 180° (d) 75°

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

(a) 62 cm² (b) 110 cm² (c) 231 cm² (d) 220 cm²

8. The standard form of 9,050,000 is

(a) 0.905×10^5 (b) 90.5×10^4

(c) 9.05×10^{-6} (d) 9.05×10^6

9. Using an identity, 46^2 =

(a) 2516 (b) 2126 (c) 2100 (d) 2116

10. If the edge of a cube is doubled, its volume becomes


F+V−E=2

(a) 4 times (b) 6 times

(c) 2 times (d) 8 times

11. In a pie chart of the monthly budget of a family, ₹120 out of ₹600 is spent on food. The central angle for food is

(a) 102° (b) 36° (c) 144° (d) 72°

12. The sum of 3 consecutive odd numbers is 57. The largest of them is

(a) 20 (b) 23 (c) 21 (d) 17

SAMPLE PREVIEW

Preview ends here

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