Sainik School Entrance Practice Paper – 07

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.

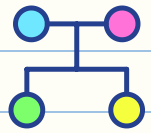
Name: _____ Roll No.: _____ Date: _____

SAMPLE PREVIEW

Section A – Mathematics

Questions 1–50 · 4 marks each · 200 marks

1. A father is 4 times as old as his son. After 6 years, the sum of their ages will be 57 years. The son's present age is



(a) 36 years (b) 9 years
(c) 6 years (d) 11 years

2. The ratio of 40 cm to 2 m is

(a) 1 : 5 (b) 40 : 2 (c) 5 : 1 (d) 1 : 50

3. Evaluate 197×203 using a suitable identity.

(a) 40009 (b) 39400 (c) 39991 (d) 39994

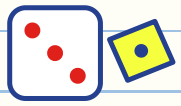
4. Two angles forming a linear pair are $(1x + 15)^\circ$ and $(4x + 45)^\circ$. The value of x is

(a) 36 (b) 24 (c) 29 (d) 48

5. Two adjacent angles of a parallelogram are in the ratio 3 : 7. The smaller angle is

(a) 108° (b) 126° (c) 64° (d) 54°

6. Two coins are tossed together. The probability of getting exactly one head is



(a) 1/4 (b) 3/4 (c) 1/3 (d) 1/2

7. Two parallel lines are cut by a transversal. If one angle is 48°, its corresponding angle is

(a) 58° (b) 132° (c) 42° (d) 48°

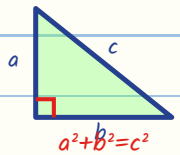
8. The simple interest on ₹8000 at 8% per annum for 5 years is

(a) ₹6400 (b) ₹11200 (c) ₹640 (d) ₹3200

9. The curved surface area of a cylinder with radius 7 cm and height 10 cm is ($\pi = 22/7$)

(a) 748 cm^2 (b) 220 cm^2 (c) 1540 cm^2 (d) 440 cm^2

10. The diagonals of a rhombus are 6 cm and 8 cm. Its side is



(a) 5 cm (b) 10 cm (c) 12 cm (d) 7 cm

11. A die is thrown once. The probability of getting a number less than 3 is

(a) 1/3 (b) 2/5 (c) 1/6 (d) 2/3

SAMPLE PREVIEW

Preview ends here

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