Sainik School Entrance Practice Paper – 16

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: _____

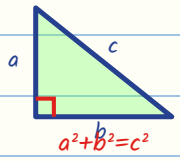
SAMPLE PREVIEW

Section A – Mathematics

Questions 1–50 · 4 marks each · 200 marks

1. The diagonals of a rhombus are 14 cm and 48 cm. Its side is

(a) 168 cm (b) 31 cm (c) 25 cm (d) 27 cm



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

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

3. How many non-square numbers lie between 30^2 and 31^2?

(a) 61 (b) 30 (c) 60 (d) 59

4. Evaluate 99×101 using a suitable identity.

(a) 9999 (b) 9900 (c) 10001 (d) 9998

5. The marked price of a shirt is ₹840. A discount of 30% is given. The selling price is

(a) ₹252 (b) ₹588 (c) ₹1092 (d) ₹810



money

6. The total surface area of a cube of edge 7 cm is

(a) 84 cm^2 (b) 196 cm^2 (c) 343 cm^2 (d) 294 cm^2

7. In a pie chart of the monthly budget of a family, ₹100 out of ₹600 is spent on food. The central angle for food is

(a) 90° (b) 120° (c) 30° (d) 60°

8. $\sqrt{1.44} = ?$

(a) 0.7 (b) 1.3 (c) 12 (d) 1.2

9. The smallest number by which 243 must be divided so that the quotient is a perfect cube is

(a) 9 (b) 3 (c) 10 (d) 81


F+V−E=2

10. Using the shortcut for numbers ending in 5, 65^2 =

(a) 4125 (b) 3625 (c) 4225 (d) 4275

11. If the number 1y7 is divisible by 9, the digit y is

(a) 1 (b) 2 (c) 4 (d) 8

12. Two adjacent angles of a parallelogram are in the ratio 1 : 2. The smaller angle is

(a) 70° (b) 30° (c) 120° (d) 60°

SAMPLE PREVIEW

Preview ends here

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