Sainik School Entrance Practice Paper – 08

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 simple interest on ₹8000 at 10% per annum for 3 years is



money

(a) ₹10400 (b) ₹800 (c) ₹2400 (d) ₹4800

2. 15% of 1200 is

(a) 1800 (b) 186 (c) 180 (d) 360

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

(a) 8 times (b) 2 times (c) 4 times (d) 6 times

4. The circumference of a circle of radius 7 cm is ($\pi = 22/7$)

(a) 154 cm (b) 44 cm (c) 22 cm (d) 55 cm

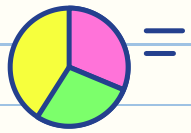
5. Simplify: $(-3/5) \times (10/9)$

(a) $-27/50$ (b) $-2/3$ (c) $2/3$ (d) $1/2$

6. The ratio of 250 g to 2 kg is

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

7. In a pie chart of the monthly budget of a family, ₹120 out of ₹360 is spent on food. The central angle for food is



data

(a) 120° (b) 150° (c) 240° (d) 60°

8. Two angles forming a linear pair are $(1x + 5)°$ and $(4x + 75)°$. The value of x is

(a) 25 (b) 36 (c) 40 (d) 20

9. If 4 pens cost ₹100, the cost of 9 pens is

(a) ₹109 (b) ₹225 (c) ₹240 (d) ₹400/9

10. The sum of 2 consecutive odd numbers is 120. The largest of them is

(a) 61 (b) 59 (c) 60 (d) 63

11. The base of a parallelogram is 9 cm and its height is 6 cm. Its area is

(a) 27 cm^2 (b) 30 cm^2 (c) 60 cm^2 (d) 54 cm^2

12. The length of a rectangle exceeds its breadth by 3 cm. If its perimeter is 46 cm, its length is

(a) 16 cm (b) 10 cm (c) 13 cm (d) 11 cm

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

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

SAMPLE PREVIEW

Preview ends here

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