Sainik School Entrance Practice Paper – 12

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. How many non-square numbers lie between 23^2 and 24^2?

(a) 46 (b) 45 (c) 47 (d) 23

2. The marked price of a shirt is ₹1500. A discount of 15% is given. The selling price is



money

(a) ₹1725 (b) ₹1275 (c) ₹225 (d) ₹1485

3. Which of the following is a Pythagorean triplet?

(a) (6, 8, 10) (b) (3, 4, 5)

(c) (6, 8, 11) (d) (7, 9, 11)

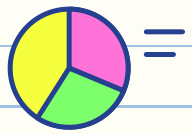
4. A bag has 5 red, 3 green and 4 blue balls. One ball is drawn at random. P(it is blue) =

(a) 2/7 (b) 1/3 (c) 2/3 (d) 5/12

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

(a) 150° (b) 85° (c) 75° (d) 105°

6. The mode of 8, 16, 25, 16, 12, 25, 25, 14 is



data

(a) 12 (b) 8 (c) 25 (d) 16

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

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

8. The curved surface area of a cylinder with radius 7 cm and height 4 cm is ($\pi = 22/7$)

(a) 484 cm^2 (b) 176 cm^2 (c) 616 cm^2 (d) 88 cm^2

9. The sum of 2 consecutive odd numbers is 44. The largest of them is

(a) 25 (b) 21 (c) 22 (d) 23

10. $\sqrt{42.25} = ?$

(a) 6.6 (b) 65 (c) 6.5 (d) 6

11. The standard form of 0.0000035 is

(a) 3.5×10^{-7} (b) 0.35×10^{-8}

(c) 3.5×10^{7} (d) 35×10^{-9}

SAMPLE PREVIEW

Preview ends here

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