Sainik School Entrance Practice Paper – 15

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. Multiply: $(-3x^3y^3) \times (-7x^2y^3)$

(a) $21x^5y^6$ (b) $21x^6y^9$ (c) $-10x^5y^6$ (d) $-21x^5y^6$

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

(a) 105° (b) 85° (c) 150° (d) 75°

3. The volume of a cuboid of dimensions 20 cm × 12 cm × 10 cm is



F+V−E=2

(a) 42 cm^3 (b) 1200 cm^3

(c) 1120 cm^3 (d) 2400 cm^3

4. An article bought for ₹500 is sold for ₹525. The profit per cent is

(a) 10% (b) 4.76% (c) 5% (d) 25%

5. The number 5166 is divisible by

(a) 4 and 8 (b) 2, 3 and 6

(c) 5 and 10 (d) 9 only

6. The standard form of 3,500,000 is

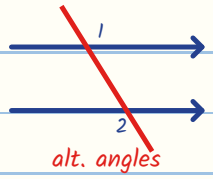
(a) 3.5×10^{-6} (b) 0.35×10^5

(c) 35×10^4 (d) 3.5×10^6

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

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

8. Two angles forming a linear pair are $(3x + 10)°$ and $(1x + 74)°$. The value of x is



alt. angles

(a) 45 (b) 24 (c) 48 (d) 29

9. A father is 3 times as old as his son. After 5 years, the sum of their ages will be 70 years. The son's present age is

(a) 45 years (b) 15 years (c) 17 years (d) 12 years

10. The sum of 2 consecutive odd numbers is 52. The largest of them is

(a) 26 (b) 29 (c) 25 (d) 27

11. The price of an article changes from ₹500 to ₹575. The percentage increase is

(a) 30% (b) 15% (c) 20% (d) 13.04%

SAMPLE PREVIEW

Preview ends here

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