Sainik School Entrance Practice Paper – 03

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. Which of the following numbers is divisible by 11?

(a) 5422 (b) 5412 (c) 5410 (d) 5413



think!

2. The median of 84, 76, 45, 83, 57, 60, 75 is

(a) 75 (b) 83 (c) 76 (d) 60

3. The population of a town is 40000. It increases at 20% per annum. What will it be after 2 years?

(a) 58600 (b) 48000 (c) 56000 (d) 57600

4. If the number 7y1 is divisible by 9, the digit y is

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

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

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

6. The sum of the interior angles of a octagon is

(a) 1440° (b) 1260° (c) 1080° (d) 990°

7. Factorise: $x^2 - 9x + 14$

(a) $(x - 2)(x - 7)$ (b) $(x + 2)(x + 7)$

(c) $(x - 2)(x + 7)$ (d) $(x + 2)(x - 7)$

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

(a) 6 times (b) 8 times

(c) 4 times (d) 2 times


F+V−E=2

9. The number 8958 is divisible by

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

(c) 5 and 10 (d) 9 only

10. The mean of 33, 26, 26, 32, 24, 20, 27, 36 is

(a) 28 (b) 27 (c) 26 (d) 29

11. A can do a piece of work in 20 days and B can do it in 30 days. Working together, they will finish it in

(a) 14 days (b) 10 days (c) 25 days (d) 12 days

12. Two adjacent angles of a parallelogram are in the ratio 7 : 8. The smaller angle is

(a) 168° (b) 84° (c) 94° (d) 96°

SAMPLE PREVIEW

Preview ends here

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