Sainik School Entrance Practice Paper – 19

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 value of $(2/3) + (-3/4)$ is

(a) $-1/7$ (b) $-1/12$ (c) $17/12$ (d) $1/12$



think!

2. The population of a town is 80000. It increases at 20% per annum. What will it be after 2 years?

(a) 112000 (b) 116200 (c) 96000 (d) 115200

3. The sum of 3 consecutive odd numbers is 171. The largest of them is

(a) 58 (b) 59 (c) 61 (d) 55

4. Factorise: $x^2 + 5x - 14$

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

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

5. Evaluate 95×105 using a suitable identity.

(a) 10025 (b) 9990 (c) 9975 (d) 9500

6. The compound interest on ₹40000 at 20% per annum for 2 years, compounded annually, is

(a) ₹57600 (b) ₹16000 (c) ₹17600 (d) ₹17650



money

7. The angles of a triangle are in the ratio 1 : 2 : 3. The largest angle is

(a) 105° (b) 90° (c) 30° (d) 60°

8. Using the shortcut for numbers ending in 5, 45^2 =

(a) 2025 (b) 1625 (c) 1925 (d) 2075

9. 25% of 360 is

(a) 96 (b) 900 (c) 90 (d) 180

10. The coefficient of x in the expansion of $(x + 4)(x + 2)$ is

(a) -6 (b) 6 (c) 8 (d) 2

11. If $a + b = 8$ and $ab = 15$, then $a^2 + b^2$ =

(a) 94 (b) 49 (c) 64 (d) 34

12. If 4 pens cost ₹80, the cost of 15 pens is

(a) ₹64/3 (b) ₹315 (c) ₹300 (d) ₹95

13. The square root of 8649 is

(a) 95 (b) 97 (c) 93 (d) 89

SAMPLE PREVIEW

Preview ends here

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