Sainik School Entrance Practice Paper – 10

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 marked price of a shirt is ₹2000. A discount of 25% is given. The selling price is

(a) ₹1975 (b) ₹2500 (c) ₹500 (d) ₹1500



money

2. $\sqrt{20.25} = ?$

(a) 45 (b) 4.6 (c) 4 (d) 4.5

3. The volume of a cylinder with radius 7 cm and height 10 cm is ($\pi = 22/7$)

(a) 1540 cm^3 (b) 1640 cm^3 (c) 440 cm^3 (d) 3080 cm^3

4. The unit digit of 39^3 is

(a) 9 (b) 10 (c) 1 (d) 7

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

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



think!

6. Two angles forming a linear pair are $(2x + 20)°$ and $(3x + 90)°$. The value of x is

(a) 14 (b) 28 (c) 19 (d) 36

7. The length of a rectangle exceeds its breadth by 8 cm. If its perimeter is 56 cm, its length is

(a) 26 cm (b) 14 cm (c) 10 cm (d) 18 cm

8. The value of $(2/5) + (-3/10)$ is

(a) 1/10 (b) 7/10 (c) −1/10 (d) −1/15

9. In an isosceles triangle, the vertex angle is 100°. Each base angle is

(a) 80° (b) 40° (c) 45° (d) 50°

10. Which of the following numbers is divisible by 11?

(a) 3320 (b) 3323 (c) 3322 (d) 3332



think!

11. The additive inverse of $-2/9$ is

(a) 2/9 (b) −2/9 (c) 9/2 (d) −9/2

12. Which rational number lies between 2/5 and 3/5?

(a) 8/5 (b) 1/15 (c) 11/10 (d) 1/2

13. If $a + b = 11$ and $ab = 24$, then $a^2 + b^2 =$

(a) 169 (b) 97 (c) 73 (d) 121

SAMPLE PREVIEW

Preview ends here

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