Sainik School Entrance Practice Paper – 20

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. Evaluate 38×42 using a suitable identity.

(a) 1596 (b) 1604 (c) 1520 (d) 1600

2. The parallel sides of a trapezium are 12 cm and 8 cm, and the distance between them is 5 cm. Its area is

(a) 55 cm^2 (b) 96 cm^2 (c) 50 cm^2 (d) 100 cm^2

3. The sum of the interior angles of a decagon is

(a) 1800° (b) 1350° (c) 1620° (d) 1440°

4. A can do a piece of work in 6 days and B can do it in 12 days. Working together, they will finish it in


time

(a) 4 days (b) 12 days

(c) 9 days (d) 6 days

5. The value of $2x^2 - 5x + 6$ at $x = 2$ is

(a) 6 (b) −4 (c) 4 (d) 24

6. The length and breadth of a rectangle are 21 cm and 20 cm. Its diagonal is

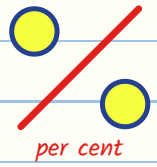
(a) 30 cm (b) 21 cm (c) 29 cm (d) 41 cm

7. The angles of a triangle are in the ratio 3 : 5 : 7. The largest angle is

(a) 60° (b) 99° (c) 36° (d) 84°

8. 150% of 1200 is

(a) 3600 (b) 1800 (c) 18000 (d) 1806


per cent

9. Each interior angle of a regular polygon with 6 sides is

(a) 60° (b) 110° (c) 120° (d) 126°

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

(a) 1/4 (b) 3/4 (c) 1/3 (d) 3/14

11. How many non-square numbers lie between 60^2 and 61^2?

(a) 119 (b) 120 (c) 121 (d) 60

12. The ratio of 500 m to 2 km is

(a) 4 : 1 (b) 500 : 2 (c) 1 : 40 (d) 1 : 4

SAMPLE PREVIEW

Preview ends here

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