Sainik School Entrance Practice Paper – 14

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

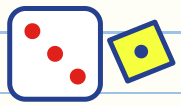
1. The standard form of 0.00000063 is

(a) 6.3×10^{7} (b) 63×10^{-9}

(c) 6.3×10^{-7} (d) 0.63×10^{-8}

2. Two coins are tossed together. The probability of getting at least one head is

(a) 3/4 (b) 2/3 (c) 1/2 (d) 1/4



P = fav/total

3. The total surface area of a cuboid 10 cm × 8 cm × 5 cm is

(a) 170 cm² (b) 400 cm² (c) 340 cm² (d) 180 cm²

4. The compound interest on ₹5000 at 10% per annum for 2 years, compounded annually, is

(a) ₹1050 (b) ₹1000 (c) ₹6050 (d) ₹1100

5. Using an identity, 102^2 =

(a) 10400 (b) 10804 (c) 10404 (d) 10004

6. Each exterior angle of a regular polygon is 10°. The number of sides is

(a) 38 (b) 72 (c) 36 (d) 35

7. Solve: $7x - 11 = 4x + 4$

(a) 5 (b) 7 (c) 2 (d) −5



think!

8. Two angles forming a linear pair are $(2x + 10)°$ and $(3x - 25)°$. The value of x is

(a) 78 (b) 36 (c) 39 (d) 44

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

(a) 11 (b) 10 (c) 5 (d) 9

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

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

11. Three angles of a quadrilateral are 62°, 72° and 112°. The fourth angle is

(a) 226° (b) 114° (c) 124° (d) 94°

12. Evaluate 49×51 using a suitable identity.

(a) 2498 (b) 2450 (c) 2499 (d) 2501

SAMPLE PREVIEW

Preview ends here

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