Sainik School Entrance Practice Paper – 04

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. Find x if $2^3 \times 2^x = 2^7$.

(a) 7 (b) 5 (c) 12 (d) 4

2. 12 workers can finish a job in 10 days. How many days will 8 workers take?



(a) 14 days (b) 6.7 days

(c) 15 days (d) 17 days

3. The square root of 8836 is

(a) 96 (b) 90 (c) 104 (d) 94

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

(a) 4346 (b) 4343 (c) 4355 (d) 4345

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

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

6. $\sqrt{6.25} = ?$

(a) 25 (b) 2.5 (c) 2 (d) 2.6

7. Evaluate 49×51 using a suitable identity.

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

8. The base of a parallelogram is 14 cm and its height is 5 cm. Its area is

(a) 35 cm² (b) 38 cm² (c) 75 cm² (d) 70 cm²

9. The number 3762 is divisible by



think!

(a) 2, 3 and 6 (b) 9 only

(c) 5 and 10 (d) 4 and 8

10. The diagonals of a rhombus are 12 cm and 16 cm. Its side is

(a) 12 cm (b) 48 cm (c) 14 cm (d) 10 cm

11. The curved surface area of a cylinder with radius 3.5 cm and height 8 cm is ($\pi = 22/7$)

(a) 253 cm² (b) 308 cm² (c) 88 cm² (d) 176 cm²

12. Simplify: $(2^3 \times 2^8) \div 2^9$

(a) 4 (b) 5 (c) 32768 (d) 8

SAMPLE PREVIEW

Preview ends here

13 more page(s) in the full PDF.

Buy this PDF or take a subscription on Padhai Pitara to unlock.