Sainik School Entrance Practice Paper – 17

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.

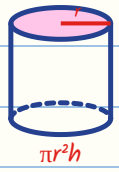
Name: _____ Roll No.: _____ Date: _____

SAMPLE PREVIEW

Section A – Mathematics

Questions 1–50 · 4 marks each · 200 marks

1. The volume of a cylinder with radius 14 cm and height 20 cm is (π = 22/7)



(a) 12320 cm³ (b) 1760 cm³

(c) 12420 cm³ (d) 24640 cm³

2. The number 5046 is divisible by

(a) 2, 3 and 6 (b) 5 and 10

(c) 9 only (d) 4 and 8

3. An article bought for ₹250 is sold for ₹287.5. The profit per cent is

(a) 13.04% (b) 30% (c) 20% (d) 15%

4. A bag has 3 red, 5 green and 2 blue balls. One ball is drawn at random. P(it is green) =

(a) 5/12 (b) 1/2 (c) 3/5 (d) 1/3

5. The compound interest on ₹20000 at 5% per annum for 2 years, compounded annually, is



money

(a) ₹2000 (b) ₹2100 (c) ₹22050 (d) ₹2050

6. A can do a piece of work in 12 days and B can do it in 24 days. Working together, they will finish it in

(a) 8 days (b) 12 days (c) 18 days (d) 10 days

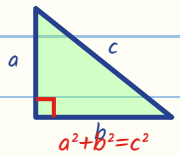
7. The mode of 2, 23, 17, 2, 17, 7, 6, 2 is

(a) 7 (b) 23 (c) 2 (d) 17

8. A father is 4 times as old as his son. After 10 years, the sum of their ages will be 70 years. The son's present age is

(a) 7 years (b) 12 years (c) 40 years (d) 10 years

9. The diagonals of a rhombus are 14 cm and 48 cm. Its side is



(a) 31 cm (b) 25 cm (c) 27 cm (d) 168 cm

10. The unit digit of 17^3 is

(a) 7 (b) 9 (c) 1 (d) 3

11. Using the shortcut for numbers ending in 5, 25^2 =

(a) 675 (b) 525 (c) 625 (d) 425

SAMPLE PREVIEW

Preview ends here

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