

PART 1 - PHYSICS

Topic : Experimental skills (physics)

SECTION-A : (Maximum Marks : 4)

This section contains **ONE** question.

Each question has **FOUR** options (A), (B), (C) and (D). **ONLY ONE** of these four options is the correct answer.

For each question, choose the option corresponding to the correct answer.

Answer to each question will be evaluated according to the following marking scheme :

Full Marks : +4 If **ONLY** the correct option is chosen;

Zero Marks : 0 If none of the options is chosen (i.e. the question is unanswered);

Negative Marks : -1 In all other cases.

1. Figure 1 shows the configuration of main scale and Vernier scale before measurement. Fig. 2 shows the configuration corresponding to the measurement of diameter D of a tube. The measured value of D is: [JEE Advanced 2025 Paper 1]



Fig. 1

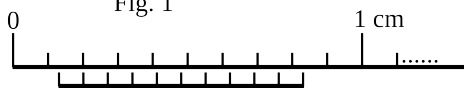


Fig. 2

- (A) 0.12 cm (B) 0.11 cm (C) 0.13 cm (D) 0.14 cm

Scan or tap for the full solution



Space for Rough Work

JEE ADVANCED EXPERIMENTAL SKILLS (PHYSICS)
— VERNIER CALLIPERS — PYQS

Test Pattern : JEE (Advanced)

ANSWER KEY

SECTION-A																											
Ques.	1																										
Ans.	C																										