

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																								