

JEE MAIN EXPERIMENTAL SKILLS (PHYSICS) — COEFFICIENT OF VISCOSITY BY TERMINAL VELOCITY — PYQS

Max. Marks: 4

Questions: 1

Section A (MCQ) — 1 question

Q.1 In the experiment for measurement of viscosity ' η ' of given liquid with a ball having radius R , consider following statements.

- A. Graph between terminal velocity V and R will be a parabola.
- B. The terminal velocities of different diameter balls are constant for a given liquid.
- C. Measurement of terminal velocity is dependent on the temperature.
- D. This experiment can be utilized to assess the density of a given liquid.
- E. If balls are dropped with some initial speed, the value of η will change.

Choose the correct answer from the options given below:

[JEE Main 2025 (Online) 28th January Morning Shift]

- (1) C, D and E Only (2) A, B and E Only
- (3) A, C and D Only (4) B, D and E Only

Scan or tap for the
full solution



ANSWER KEY

Ques.	1																			
Ans.	3																			