

JEE MAIN MECHANICAL PROPERTIES OF SOLIDS — STRESS AND STRAIN — PYQS

Max. Marks: 4

Questions: 1

Section B (Numerical) — 1 question

- Q.1** A uniform wire of length l of weight w is suspended from the roof with a weight of W at the other end. The stress in the wire at $\frac{1}{3}$ distance from the top is $\left(\frac{W}{A} + \frac{2w}{\gamma A}\right)$, where A is the cross sectional area of the wire. The value of γ is _____.

[JEE Main 2026 (Online) 2nd April Morning Shift]

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full solution

ANSWER KEY

Ques.	1													
Ans.	3													