

JEE MAIN CURRENT ELECTRICITY — POTENTIOMETER (OLD SYLLABUS) — PYQS

Max. Marks: 4

Questions: 1

Section A (MCQ) — 1 question

- Q.1** In the potentiometer, when the cell in the secondary circuit is shunted with $4\ \Omega$ resistance, the balance is obtained at the length 120 cm of wire. Now when the same cell is shunted with $12\ \Omega$ resistance, the balance is shifted to a length of 180 cm. The internal resistance of cell is ____ Ω

[JEE Main 2026 (Online) 28th January Morning Shift]

- (1) 4 (2) 12 (3) 6 (4) 3

Scan or tap for the
full solution

ANSWER KEY

Ques.	1													
Ans.	1													