

**JEE MAIN MOVING CHARGES AND MAGNETISM — MAGNETIC FORCE
ON A CURRENT-CARRYING CONDUCTOR — PYQS**

Max. Marks: 4

Questions: 1

Section B (Numerical) — 1 question

- Q.1** A 4.0 cm long straight wire carrying a current of 8 A is placed perpendicular to a uniform magnetic field of strength 0.15 T. The magnetic force on the wire is _____ mN.

[JEE Main 2025 (Online) 3rd April Morning Shift]

Scan or tap for the
full solution**ANSWER KEY**

Ques.	1										
Ans.	48										