

NEET ELECTROMAGNETIC INDUCTION — MAGNETIC FLUX — PYQS
Max. Marks: 8
Questions: 2
Section A (MCQ) — 2 questions

- Q.1** A square loop of side 1 m and resistance $1\ \Omega$ is placed in a magnetic field of 0.5 T. If the plane of loop is perpendicular to the direction of magnetic field, the magnetic flux through the loop is

[NEET (UG) 2022]

- (1) 2 weber (2) 0.5 weber
(3) 1 weber (4) Zero weber

 Scan or tap for the
full solution


- Q.2** A circular disc of radius 0.2 meter is placed in a uniform magnetic field of induction $\frac{1}{\pi} \left(\frac{\text{Wb}}{\text{m}^2} \right)$ in such a way that its axis makes an angle of 60° with $\vec{B}$. The magnetic flux linked with the disc is

[AIPMT 2008]

- (1) 0.08 Wb (2) 0.01 Wb (3) 0.02 Wb (4) 0.06 Wb

 Scan or tap for the
full solution

ANSWER KEY

Ques.	1	2									
Ans.	2	3									