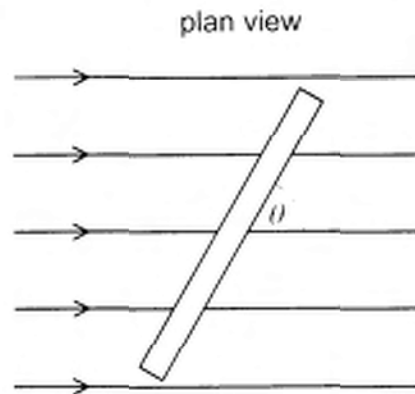
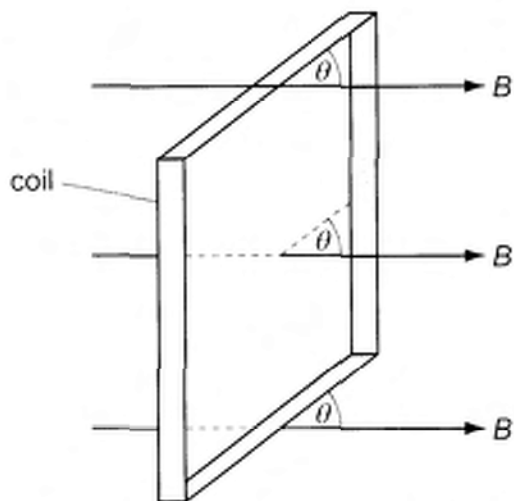


- 31 A magnetic field of uniform flux density B is at an angle θ to the plane of a coil as shown.



The coil has N turns and the area of the coil is A .

What is the magnetic flux linkage of the coil?

- A** $BA \cos \theta$ **B** $BA \sin \theta$ **C** $BNA \cos \theta$ **D** $BNA \sin \theta$