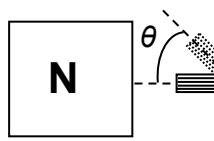
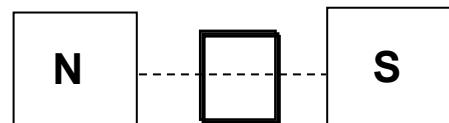


The figure below shows the side and top view of a coil of wire rotating in a uniform magnetic field.

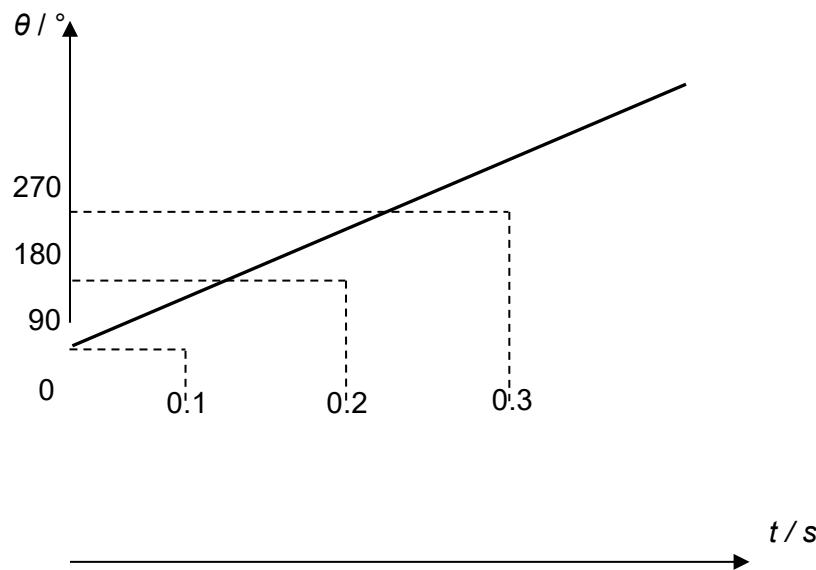


Side View



Top View

The graph below shows the variation of the angle θ with time t .



Which of the following statements is false?

A

The magnitude of the angular velocity is a constant.

B

The maximum magnitude of induced e.m.f occurs at 0.4 s.

C

The maximum magnitude of flux linkage experienced occurs at 0.4 s.

D

The induced e.m.f. follows a sinusoidal function.

