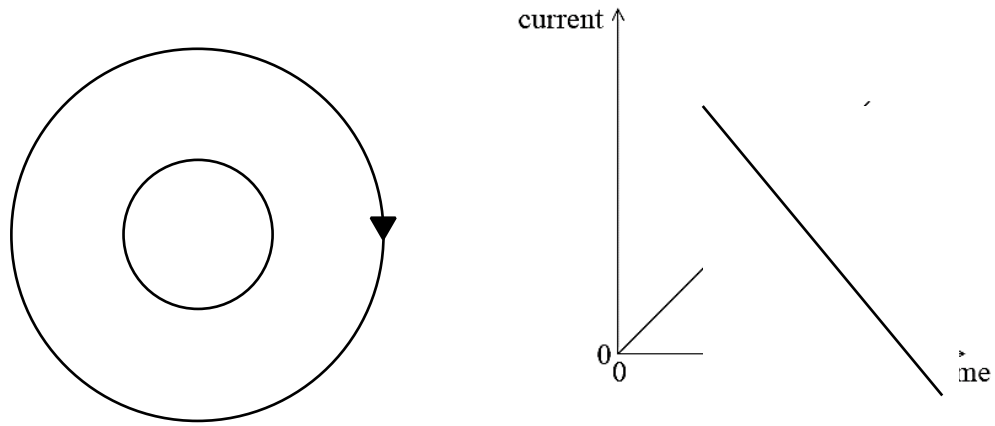


- 26 Fig. (a) shows two concentric circular conductors lying in the same plane. The current in the outer loop is clockwise and changes with time as shown in Fig. (b).



**Fig. (a)**

**Fig. (b)**

inner loop  
outer loop  
current  
time

The induced current in the inner loop is

- A** constant in the clockwise direction.
- B** increasing linearly with time in the clockwise direction.
- C** decreasing linearly with time in the clockwise direction.
- D** increasing linearly with time in the anticlockwise direction.



