

Jawab:

A.
$$B = \frac{M. \sin \alpha}{2 R \Gamma}$$

$$\Gamma = 2 \cos \alpha = 2 \times \omega^{-2} M$$

$$\Gamma \leq R_1$$

$$\widehat{L}_{in} = \widehat{L}_1 = 4 A$$

$$B = \frac{4 \times \omega^{-2}}{2 \times 4 \cdot 4 \times \omega^{-2}}$$

$$B = 4 \times \omega^{-5} T$$

$$\Gamma_{in} = \Gamma_{1} - \Gamma_{2r}$$

$$= 4 - \frac{\pi r^{2} - \pi R^{2}}{\pi r^{2} - \pi R^{2}} \Gamma_{2}$$

$$= 4 - \frac{7^{2} - 6^{2}}{11^{2} - 6^{2}} \cdot 1$$

$$= 4 - \frac{13}{05}$$

$$= \frac{327}{05} A$$

$$B = \frac{M \cdot I in}{2 \pi \Gamma}$$

$$B = \frac{4 \pi \times \omega^{-2}}{2 \pi \cdot 7 \times \omega^{-2}} \cdot \frac{327}{95}$$

$$B = 1, 1 \times \omega^{-5} T$$

C.
$$\Gamma = 12 \text{ cm} = 12 \times 10^{-2} \text{ m}$$
 $\Gamma \ge R_2$
 $\Gamma : n = \Gamma_1 - \Gamma_2 = 9 - 1 - 3 \text{ A}$
 $B = \frac{M_0 \text{ tin}}{2 \text{ K} \Gamma}$
 $B = \frac{M_0 \text{ tin}}{2 \text{ K} \Gamma}$
 $B = \frac{M_0 \text{ tin}}{2 \text{ K} \Gamma}$
 $C : 0, 5 \times 10^{-5} \text{ T}$
 $C : 0, 5 \times 10^{-6} \text{ T}$