GATE-2023 (EC) Q.13

EE23BTECH11051-Rajnil Malviya

Question :-

Let $w^4 = 16j$. Which of the following can not be the value of w?

(A) $2e^{\frac{j2\pi}{8}}$

(B) $2e^{\frac{j\pi}{8}}$

(C) $2e^{\frac{j5\pi}{8}}$

(D) $2e^{\frac{j9\pi}{8}}$