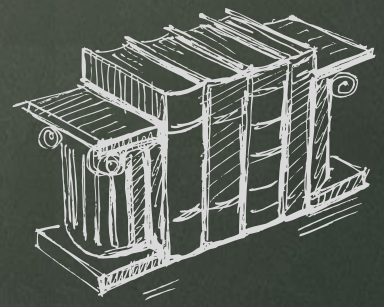
BOARD BOOSTER BATCH FOR 12^{th}



☎ Contact No. :- 7004482622

Q1. The value of $\sin^{-1}\left(\sin\frac{2\pi}{3}\right)$ is

(A) $\frac{2\pi}{3}$ (B) $\frac{5\pi}{3}$

(C) $\frac{\pi}{3}$ (D) none of these

MANISH MATHEMATICS

Q2. The value of $\cos^{-1}\left(\cos\frac{13\pi}{6}\right)$ is

(A) $\frac{13\pi}{6}$ (B) $\frac{7\pi}{6}$

(C) $\frac{5\pi}{6}$ (D) $\frac{\pi}{6}$

MANISH MATHEMATICS

Q3. The value of $\tan^{-1}\left(\tan\frac{7\pi}{6}\right)$ is

(A) $\frac{7\pi}{6}$ (B) $\frac{5\pi}{6}$

(C) $\frac{\pi}{6}$ (D) none of these

MANISH MATHEMATICS

Q4. The value of $\cot^{-1}\left(\cot\frac{5\pi}{4}\right)$ is

(A) $\frac{\pi}{4}$ (B) $\frac{-\pi}{4}$

(C) $\frac{3\pi}{4}$ (D) none of these

MANISH MATHEMATICS

Q5. The value of $\sec^{-1}\left(\sec\frac{8\pi}{5}\right)$ is

(A) $\frac{2\pi}{5}$ (B) $\frac{3\pi}{3}$

(C) $\frac{8\pi}{5}$ (D) none of these

MANISH MATHEMATICS

Q6. The value of $\text{cosec}^{-1}\left(\text{cosec}\frac{4\pi}{3}\right)$ is

(A) $\frac{\pi}{3}$ (B) $\frac{-\pi}{3}$

(C) $\frac{2\pi}{5}$ (D) none of these

MANISH MATHEMATICS

Q7. The value of $\tan^{-1}\left(\tan\frac{3\pi}{4}\right)$ is

(A) $\frac{3\pi}{4}$ (B) $\frac{\pi}{4}$

(C) $\frac{-\pi}{4}$ (D) none of these

MANISH MATHEMATICS

Q8. $\frac{\pi}{3} - \sin^{-1}\left(\frac{-1}{2}\right)$ **is**

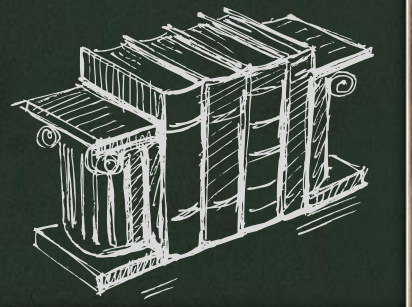
(A) 0

(B) $\frac{2\pi}{3}$

(C) $\frac{\pi}{2}$

(D) π

MANISH MATHEMATICS

THANKS

DO YOU HAVE ANY QUESTIONS