

Attempt questions

1 Conversion of 135° into Radian is:

- a) $\frac{3\pi}{4}$ b) $\frac{5\pi}{4}$
 c) $\frac{5\pi}{3}$ d) $\frac{7\pi}{3}$

135° کی ریڈین میں تبدیلی برابر ہوگی

- b) $\frac{5\pi}{4}$ c) $\frac{5\pi}{3}$
 d) $\frac{7\pi}{3}$

2 $\text{Cosec}^2\theta - \text{Cot}^2\theta = \dots\dots$

- a) -1 b) 1
 c) 0 d) $\tan\theta$

 $\text{Cosec}^2\theta - \text{Cot}^2\theta = \dots\dots$

- b) 1
 d) $\tan\theta$

3 $\frac{3\pi}{2}$ radian =

- a) 30° b) 135°
 c) 180° d) 270°

..... = ریڈین $\frac{3\pi}{2}$

- b) 135°
 d) 270°

4 $\frac{3\pi}{4}$ radian =

- a) 115° b) 135°
 c) 150° d) 30°

 $\frac{3\pi}{4}$ radian =

- b) 135°
 d) 30°

5 $\frac{1}{2} \text{cosec}45^\circ = \dots\dots$

- a) $\frac{1}{2\sqrt{2}}$ b) $\frac{1}{\sqrt{2}}$
 c) $\sqrt{2}$ d) $\frac{\sqrt{3}}{2}$

 $\frac{1}{2} \text{cosec}45^\circ = \dots\dots$

- b) $\frac{1}{\sqrt{2}}$
 d) $\frac{\sqrt{3}}{2}$

6 $\frac{2\pi}{3}$ radian =

- a) 60° b) 90°
 c) 120° d) 150°

 $\frac{2\pi}{3}$ radian =

- a) 60° b) 90°
 c) 120° d) 150°

7 $\sin^2\theta + \cos^2\theta = \dots\dots$

- a) $\sin\theta$ b) $\text{Cos}\theta$
 c) 1 d) 2

 $\sin^2\theta + \cos^2\theta = \dots\dots$

- a) $\sin\theta$ b) $\text{Cos}\theta$
 c) 1 d) 2

8 $\frac{1}{1+\sin\theta} + \frac{1}{1-\sin\theta} = \dots\dots$

- a) $2\sec^2\theta$ b) $2\cos^2\theta$
 c) $\text{Sec}^2\theta$ d) $\text{Cos}\theta$

 $\frac{1}{1+\sin\theta} + \frac{1}{1-\sin\theta} = \dots\dots$

- b) $2\cos^2\theta$
 d) $\text{Cos}\theta$