



1.  $\sin 0^\circ =$

- (i) 0 (ii) (-3) (iii) (-1) (iv) 3 (v) 1

2.  $\cos 90^\circ =$

- (i) (-1) (ii) (-3) (iii) 0 (iv) 1 (v) 2

3.  $\tan 60^\circ =$

- (i)  $\sqrt{\frac{1}{3}}$  (ii)  $\sqrt{6}$  (iii) 3 (iv)  $\sqrt[4]{3}$  (v)  $\sqrt{3}$

4.  $\cot 45^\circ =$

- (i) 2 (ii) 4 (iii) (-2) (iv) 1 (v) 0

5.  $\sec 60^\circ =$

- (i) 0 (ii) 2 (iii) 4 (iv) 3 (v) 1

6.  $\operatorname{cosec} 30^\circ =$

- (i) 1 (ii) 4 (iii) 3 (iv) 0 (v) 2

7.  $\sin 0^\circ =$

- (i) (-1) (ii) 2 (iii) 1 (iv) 0 (v) (-2)

8.  $\cos 45^\circ =$

- (i)  $\frac{1}{2}$  (ii)  $\sqrt{\frac{1}{2}}$  (iii)  $\sqrt[4]{\frac{1}{2}}$  (iv)  $\sqrt{\frac{1}{2}}$  (v)  $\sqrt{\frac{3}{2}}$

9.  $\tan 45^\circ =$

- (i) 2 (ii) 3 (iii) (-2) (iv) 1 (v) 0

10.  $\cot 45^\circ =$

- (i) 0 (ii) 1 (iii) 3 (iv) 2 (v) (-2)

11.  $\sec 30^\circ =$

- (i)  $2\sqrt{\frac{1}{3}}$  (ii) 2 (iii)  $2\sqrt{\frac{1}{3}}$  (iv)  $\frac{2}{3}$  (v)  $2\sqrt{\frac{1}{3}}$

12.  $\operatorname{cosec} 60^\circ =$

- (i)  $2\sqrt{\frac{1}{3}}$  (ii) 2 (iii)  $2\sqrt{\frac{1}{3}}$  (iv)  $\frac{2}{3}$  (v)  $2\sqrt{\frac{1}{3}}$

## Assignment Key

---

1) (i)	2) (iii)	3) (v)	4) (iv)	5) (ii)	6) (v)
7) (iv)	8) (iv)	9) (iv)	10) (ii)	11) (iii)	12) (i)