



1.  $\sin 90^\circ =$

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

2.  $\cos 60^\circ =$

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

3.  $\tan 60^\circ =$

- (i) 3 (ii)  $\sqrt{3}$  (iii)  $\frac{4}{\sqrt{3}}$  (iv)  $\sqrt{5}$  (v) 1

4.  $\cot 45^\circ =$

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

5.  $\sec 60^\circ =$

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

6.  $\operatorname{cosec} 45^\circ =$

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

7.  $\sin 60^\circ =$

- (i)  $\frac{1}{2}$  (ii)  $\frac{1}{2}\sqrt{5}$  (iii)  $\frac{1}{2}\sqrt{3}$  (iv)  $\frac{1}{2}\frac{4}{\sqrt{3}}$  (v)  $\frac{3}{2}$

8.  $\cos 90^\circ =$

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

9.  $\tan 30^\circ =$

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

10.  $\cot 60^\circ =$

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

11.  $\sec 45^\circ =$

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

12.  $\operatorname{cosec} 45^\circ =$

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

## Assignment Key

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