

11th Class FA Mathematics Chapter 8 Online Test

| Sr | Questions | Answers Choice |
|----|---|--|
| 1 | There is a solution of the equation $2 \sin \Theta + 1 = 0$ in the quadrants: | A. 1 and 2 B. 1 and 3 C. 2 and 4 D. 3 and 4 |
| 2 | Question Image <input style="width: 500px; height: 20px;" type="text"/> | |
| 3 | Question Image <input style="width: 500px; height: 20px;" type="text"/> | |
| 4 | Question Image <input style="width: 500px; height: 20px;" type="text"/> | |
| 5 | The solution set of $\sin \Theta, \cos \Theta = 1$ in $[0, 2\pi]$ is _____: | A. 0 C. solution does not exist |
| 6 | General angles of inverse trigonometric functions are written by using their: | A. Domain B. Range C. Periodicity D. Quadrants |
| 7 | if $\sin x + \cos x = 0$, then $x =$ _____: | D. none of these |
| 8 | Question Image <input style="width: 500px; height: 20px;" type="text"/> | |
| 9 | Question Image <input style="width: 500px; height: 20px;" type="text"/> | |
| 10 | Question Image <input style="width: 500px; height: 20px;" type="text"/> | |
| 11 | Question Image <input style="width: 500px; height: 20px;" type="text"/> | A. 0 B. 4 C. 1 D. 3 |
| 12 | Trigonometric equation has _____ solutions: | A. unique B. finite C. infinite D. no |
| 13 | Question Image <input style="width: 500px; height: 20px;" type="text"/> | |
| 14 | Question Image <input style="width: 500px; height: 20px;" type="text"/> | A. 0 B. 2 C. 1 D. 3 |
| 15 | Question Image <input style="width: 500px; height: 20px;" type="text"/> | A. 0 B. 1 C. 3 D. 2 |
| 16 | Question Image <input style="width: 500px; height: 20px;" type="text"/> | |
| 17 | Which trigonometric equation has secondary solution ? | A. $\sin \Theta = 1$ B. $\cos \Theta = 1$ C. $\sec \Theta = 0$ D. $\tan \Theta = 1$ |
| 18 | Question Image <input style="width: 500px; height: 20px;" type="text"/> | |
| 19 | The general solution of $\sin x = \cos x$ is _____: | A. $n\pi$ B. $2n\pi$ |
| 20 | Question Image <input style="width: 500px; height: 20px;" type="text"/> | |