

## Mathematics Fsc Part 1 Online Test

| Sr | Questions   | Answers Choice                                       |
|----|---|--|
| 1  | Question Image  |  |
| 2  | Question Image  |  |
| 3  | The general solution of $\sin x = \cos x$ is _____:                           | A. $n\pi$<br>B. $2n\pi$                              |
| 4  | Question Image  |  |
| 5  | Question Image  | A. 0<br>B. 2<br>C. 1<br>D. 3                         |
| 6  | Question Image  |  |
| 7  | Question Image  |  |
| 8  | There is a solution of the equation $2 \sin \Theta + 1 = 0$ in the quadrants: | A. 1 and 2<br>B. 1 and 3<br>C. 2 and 4<br>D. 3 and 4 |
| 9  | Question Image  |  |
| 10 | Question Image  |  |
| 11 | Question Image  | A. 0<br>B. 1<br>C. 3<br>D. 2                         |
| 12 | Question Image  |  |
| 13 | Question Image  |  |
| 14 | Question Image  |  |
| 15 | if $\sin x + \cos x = 0$ , then $x =$ _____:                                  | D. none of these                                     |
| 16 | The solution set of $2\cos\Theta + \sqrt{3} = 0$ is:                          | A. finite set<br>B. infinite set                     |
| 17 | Question Image  |  |
| 18 | Question Image  |  |
| 19 | Question Image  | A. 0<br>B. 4<br>C. 1<br>D. 3                         |
| 20 | Question Image  |  |