

Mathematics Fsc Part 1 Online Test

Sr	Questions	Answers Choice
1	If a set is described by listing its elements within brackets is called:	A. set builder notation B. tabular form C. descriptive method D. none of these
2	If a set is described in words, the method is called:	A. tabular form B. descriptiveform C. set builder notation D. non-tabular method
3	A set can be described by:	A. one way B. two ways C. several ways D. threeways
4	The objects in a set are called:	A. elements B. sub-sets C. whole numbers D. overlapping sets
5	Distinct objects means:	A. identical objects B. not identical C. similar D. none of these
6	A set is defined as:	A. collection of some objects B. well defined collection of some objects C. well defined collection of distinct objects D. none of these
7	Modulus of $15i + 20$ is:	A. 20 B. 15 C. 25 D. none of the above
8	The multiplicative identity of real numbers is:	A. 0 B. 1 C. 2 D. -1
9	Multiplicative inverse of $-i$ is:	A. i B. $-i$ C. 1 D. -1
10	The multiplicative invers of a non-zero real number a is:	A. 0 B. $-a$ C. a
11	The additive inverse of a real number is a :	A. 0 B. $-a$ C. a
12	The identity element with respect to addition is:	A. 0 B. 1 C. -1 D. 0 and 1
13	If $z_1 = 4i$ and $z_2 = 3 - 9i$, then $z_1 + z_2 =$	A. $3 - 5i$ B. $3i - 5$ C. $7 - 9i$ D. $3 + 5i$
14	Every real number is also a/an :	A. integer B. rational number C. irrationalnumber D. complexnumber
15	$i^2 + 1 =$	A. -1 B. 0 C. i D. 1

16	Conjugate of $-3 - 2i$ is:	A. $3 + 2i$ B. $-3 + 2i$ C. $2 + 3i$ D. $-2 + 3i$
17	Conjugate of $a - ib$ is:	A. $b + ia$ B. $-a + ib$ C. $-a - ib$ D. $a + ib$
18	Conjugate of $a + ib$ is:	A. $-a + ib$ B. $a + ib$ C. $-a - ib$ D. $a - ib$
19	Conjugate of complex number $(-a, -b)$ is:	A. $(-a, b)$ B. $(-a, -b)$ C. $(a, -b)$ D. none of these
20	The ordered pairs $(2, 5)$ and $(5, 2)$ are:	A. not equal B. equal C. disjoint D. empty
