

Mathematics FA Part 1 Online Test

Sr	Questions	Answers Choice
1	Multiplicative inverse of $-i$ is:	A. i B. $-i$ C. 1 D. -1
2	The multiplicative invers of a non-zero real number a is:	A. 0 B. $-a$ C. a
3	The additive inverse of a real number is a :	A. 0 B. $-a$ C. a
4	The identity element with respect to addition is:	A. 0 B. 1 C. -1 D. 0 and 1
5	If $z_1 = 4i$ and $z_2 = 3 - 9i$, then $z_1 + z_2 =$	A. $3 - 5i$ B. $3i - 5$ C. $7 - 9i$ D. $3 + 5i$
6	Every real number is also a/an:	A. integer B. rational number C. irrationalnumber D. complexnumber
7	$i^2 + 1 =$	A. -1 B. 0 C. i D. 1
8	Conjugate of $-3 - 2i$ is:	A. $3 + 2i$ B. $-3 + 2i$ C. $2 + 3i$ D. $-2 + 3i$
9	Conjugate of $a - bi$ is:	A. $b + ia$ B. $-a + ib$ C. $-a - ib$ D. $a + ib$
10	Conjugate of $a + bi$ is:	A. $-a + ib$ B. $a + ib$ C. $-a - ib$ D. $a - ib$
11	Conjugate of complex number $(-a, -b)$ is:	A. $(-a, b)$ B. $(-a, -b)$ C. $(a, -b)$ D. none of these
12	The ordered pairs $(2, 5)$ and $(5, 2)$ are:	A. not equal B. equal C. disjoint D. empty
13	Product of a complex number and its conjugate is:	A. a real number B. irrationalnumber C. a complexnumber D. either real number or complexnumber
14	The imaginary part of the complex number $a + bi$ is:	A. a B. b C. bi D. none of these
15	The real part of the complex number $a + bi$ is:	A. b B. $-b$ C. a D. $-a$

16	Question Image	A. real numbers B. complexnumbers C. primenumbers D. oddnumbers
17	Question Image	B. archimedean property C. transitive property D. multiplicative property
18	Question Image	
19	Question Image	
20	Question Image	