ECAT Mathematics Chapter 1 Number System

Sr	Questions	Answers Choice
1	(√3+√5)+√7 = √3 +(√5 +√7) property used in above is	A. Commutative property of addition B. Closure property of addition C. Additive inverse D. Associative property w.r.t to adition
2	Question Image	A. Associative property of addition B. Associative property of multiplication C. Commutative property of addition D. Commutative property of multiplication
3	Question Image	A. real number B. complex number C. rational number D. irrational number
4	What is the conjugate of -6 -i	A. -6 +i B. 6 + i C. -6 -i D. 6 -i
5	Which of the following sets has closure property w.r.t. addition	A. { 0 } B. { 1 } C. { 0, -1} D. { 1, -1}
6	Question Image	A. 1 B. -i C. i D. 0
7	24 can be written as a product of	A. Odd factors B. Even factors C. Whole factors D. Prime factors
8	Name the property used in 4 + 9 = 9 + 4	A. Associative property of addition B. Commutative property of addition C. Distributive property D. Additive identity
9	If a is any real number and a = a is called	A. symmetric property B. Trichotomy Properties C. Transitive Property D. Reflexive Properties
10	a >b ⇒a +c >b +c is known as	A. Trichotomy property B. Additive property of inequality C. Transitive property D. Multiplicative property
11	There is no element common in	A. N and W B. E and W C. N and O D. Q and Q'
12	Question Image	
13	∀a,b ε R, ab = be is a	A. Commutative law of multiplication B. Closure law of multiplication C. Associative law of multiplication D. Multiplicative identity
14	In R the left cancellation property w.r.t addition is	
15	Multiplicative inverse of "1" is	A. 0 B. ±1 C. 1 D. {0,1}
16	1/3 is _____	A. A prime number B. An integer C. A rational number

		D. An irrational number
17	The sum of complex number (a,b) and (c,d) is	
18	Question Image	A. A natural number B. A rational number C. An irrational number D. A whole number
19	The multiplicative inverse ofx^(-1) is	A. x B. a-2 C. 0 D. 1
20	Question Image	A. Associate law of addition B. Commutative law of addition C. Additive identity D. Closure law of addition