ECAT Mathematics Chapter 1 Number System

Sr	Questions	Answers Choice
1	Question Image	A. Principle of equality of fractions B. Rule for product of fraction C. Rule for quotient of fraction
2	√2 +√3 +√5) = (√2 +√3 +√5: this property is called	A. associative property w.r.t addition B. commutative property C. Closure property w.r.t addition D. Additive identity
3	Question Image	A. Associative property of addition B. Associative property of multiplication C. Commutative property of addition D. Commutative property of multiplication
4	Question Image	A. Rule of quotient of fraction B. Golden rule of fraction C. Rule for product of fraction D. Principle for equality of fraction
5	Question Image	
6	Question Image	
7	Question Image	
8	Question Image	A. x C. y
9	Question Image	A. 0 B. 1 C. -1 D. 2
10	Name the property used in 4.1 + (-4.1) = 0	A. Additive inverse B. Multiplication inverse C. Additive identity D. Multiplication identity
11	The polar form of complex number x ≠ I y =	A. r cos θ+ r sin θ B. r cos θ+ is sin θ C. cos θ+ r sin θ D. i cos θ+ i sin θ
12	The√ is used for the	A. Positive square root B. Negative square root C. +ve and -ve square root D. Whole number
13	4/√49 is a	A. Irrational Number B. Prime Number C. Rational number D. Whole number
14	QUQ, =	A. N B. R C. W D. Z
15	The square roots of negative numbers is called	A. Real no B. Complex no C. Positive no D. Negative no
16	The equation |x +4| = x has solution	A. x = -2 B. x = 2 C. x = -4 D. x = 4
17	Question Image	A. real part of z B. imaginary part of z C. conjugate of z D. modulus of z

18	If $\forall a,b \varepsilon R$,then $a+b \varepsilon R$ is a property	A. Closure law of addition B. Associative law of addition C. Additive inverse D. Additive identity
19	I is not	A. Real number B. Natural number C. Prime Number D. Whole Number
20	Question Image	