ECAT Mathematics MCQ's Test For Full Book

Sr	Questions	Answers Choice
1	The order axioms are satisfied by set of	A. C B. C and R C. R D. None of these
2	Question Image	A. 2 B. 5 C. 7 D. None of these
3	The consecutive terms of a progressions are 30, 24, 20. The next term of the progression is	
4	If y is an image of x under the function f, then we write	A. y = f(x) B. x = f(y) C. y = x D. none of these
5	Question Image	
6	Question Image	A. 0 B. 8 C. 5 D. 9
7	Sine rule for a triangle states that	A. a/sin A = b/sin B = c/sin C B. sin A/a = sin B/b = sin C/c C. a/sin A + b/sin B + c/sin C D. 2a/sin A = 2b/sin B = 2c/sin C
8	Which term of the A.P 5,8,11,24.....is 320	A. 104th B. 106th C. 105th D. 64th
9	Question Image	A. A = C B. A = B C. B = C D. None of these
10	Question Image	
11	∀a,b, c ε R,a +c = b + c = > a = b	A. Reflexive property B. Symmetric property C. Cancellations property w.r.t. addition D. Transitive property
12	The number of permutation that can be formed from the letters of the word OBJECT is	A. 700 B. 600 C. 720 D. 620
13	The set {{a,b}} is	A. Infinite set B. Singleton set C. Two points set D. None
14	${}^{n}C_{2}$= exists when n is _____	
15	The solution set of the inequality ax + by < c is	A. straight line B. half plane C. parabola D. none of these
		A. Angle A is obtuse

16	Considering Cosine Rule of any triangle ABC, possible measures of angle A includes	B. Angle A is acute C. Angle A is right-angle D. All of above
17	The value of i^{4n+1}	A. 1 B. -1 C. i D. i²
18	Arithmetic mean between a and b is	
19	Question Image	
20	Question Image	