

ECAT Mathematics MCQ's Test For Full Book

Sr	Questions	Answers Choice
1	Which of the following is a vector.	A. distance B. temperature C. energy D. acceleration
2	Question Image	A. An empty set B. Universal set C. A singleton set D. None of these
3	Question Image	
4	Question Image	B. $\sin 2x + c$ C. $-\sin 2x + c$
5	$i^{(4n+2)} = \dots\dots\dots$	A. 1 B. i C. -1 D. -i
6	Disjunction of p and q is	A. p or q B. p and q C. p if q D. p implies q
7	the value of $25\pi/36$ in degrees is	A. 120° B. 125° C. 60° D. 115°
8	Question Image	D. none of these
9	If n is positive integers, then $2^n > 2n+1$, only when	A. $n \leq 3$ B. $n \geq 3$ C. $n \leq 2$ D. $n \leq 1$
10	Question Image	
11	$G = \{e, a, b, c\}$ is an Abelian group with e as identity element. The order of the other elements are	A. 2, 2, 2 B. 3, 3, 3 C. 2, 2, 4 D. 2, 3, 4
12	Period of $\sin 3x$ is _____	
13	If a_1 and r are the first term and the common ratio respectively then $(n + 1)$ th term of the G.P. is	A. 0 B. $a ₁ r ⁿ⁻¹$ C. $a ₁ r ⁿ⁺¹$ D. $a ₁ r ⁿ$

A. I and I quadrants
 B. I I quadrants

