

Mathematics General Science Test Medium Mode

Sr	Questions	Answers Choice
1	The negation of given number is a	A. Binary operation B. Unary operation C. Relation D. None of these
2	Question Image	
3	A conjunction of two statement p and q is true only if	A. p is true B. q is true C. Both p and q are true D. both p and q are false
4	Question Image	
5	The number of combinations of 10 different objects taken 8 objects at a time is	A. 90 B. 45 C. 55 D. 50
6	The symbol _____ shall be used both for equation and identity	A. $ $
7	Question Image	
8	The domain of the principle cos function is	
9	Question Image	
10	Question Image	
11	Question Image	
12	Question Image	
13	Domain of $2 \cos x$ is _____	A. $[-2, 2]$ B. \mathbb{R} C. Negative real numbers D. None of these
14	The number of ways of arranging the letter AAAAA BBB CCC D EE F in a row when no two C's are together is	
15	Question Image	A. Only one real solution B. Exactly three real solution C. Exactly one rational solution D. Non-real roots
16	Question Image	A. $\mathbb{R}/[0,4]$ B. $\mathbb{R}/(0,4)$ C. $(0,4)$ D. $[0,4]$
17	$5x^3 + 3x -$ is a _____	A. Polynomial of degree 3 B. Polynomial of degree 2 C. Polynomial of degree 1 D. Polynomial of degree 0
18	Question Image	
19	A circle which touches one side of a triangle externally and the other two sides produced is called _____	A. In-circle B. Circum circle C. Escribed circle D. None of these
20	Question Image	A. $n \leq 8/5$ B. $n \leq 5/8$ C. $ n \leq 8/5$ D. $ n \geq 8/5$