

Mathematics General Science Test Medium Mode

Sr	Questions	Answers Choice
1	$a + x$ is _____	A. A trinomial B. A binomial C. A monomial D. None of these
2	A circle drawn inside a triangle and touching its sides is called _____;	A. Circumcircle B. Incircle C. Escribed circle D. unit circle
3	Question Image	
4	Question Image	A. Conclusion B. Implication C. Antecedent D. Hypothesis
5	The value of x , and y , when $(x + iy)^2 = 5 + 4i$	A. $X = 2, y = 1$ B. $X = -2, y = 1$ C. $X = 2, y = -1$ D. $X = 2, y = 2$
6	Range of $\cos x$ is _____	A. $[-1, 1]$ B. \mathbb{R} C. Negative real numbers D. $\mathbb{R} - \{x \mid -1 \leq x \leq 1\}$
7	If n is any positive integer then $n! > n^2$ for	
8	If $a, b = 0$ then	A. $a \mid b$ B. $a \parallel b$ C. $a = b$ D. None
9	Question Image	A. $-\cos x$ B. $\sin x$ C. $-\sin x$ D. $\sec x$
10	The set of natural is a semi group w.r.t	A. Addition B. Division C. Subtraction D. None of these
11	If 5, 7 and 9 are A.Ms between a and b , then a and b is equal to	A. 2 and 12 B. 1 and 10 C. 3 and 11 D. -7 and 2
12	The set $\{x \in \mathbb{N} \mid x - 4 = 0\}$ in tabular form is	A. $\{-4\}$ B. $\{0\}$ C. $\{\}$ D. None of these
13	$\mathbb{Q} \cup \mathbb{Q} =$	A. \mathbb{N} B. \mathbb{R} C. \mathbb{W} D. \mathbb{Z}
14	Domain of $\operatorname{cosec} \theta$ is	
15	Question Image	
16	If the intersection of two sets is non-empty, but either is a subset of other are called	A. Disjoint sets B. Overlapping C. Equal sets D. None of these
17	Question Image	A. A B. A' C. U D. None of these

18	The central angle of an arc of a circle whose length is equal to the radius of the circle is called one	A. Degree B. Second C. Minute D. Radian
19	Question Image	A. 0 B. 1 C. -1 D. none of these
20	Domain of $\sin \theta$ is	A. Set of real numbers B. Set of complex numbers C. Set of natural numbers D. Set of even numbers