

Mathematics General Science Test Medium Mode

Sr	Questions	Answers Choice
1	The mid point of the line segment joining the points (3,-1) and (-3,1) is	A. (3,-1) B. (0,0) C. (2,2) D. (4,4)
2	Every natural number is	A. A prime number B. An irrational number C. An integer D. An even number
3	<input type="text" value="Question Image"/>	D. none of these
4	$s > t$ then	A. $(s - t)^2 > (t - s)^2$ B. $(s - t)^2 < (t - s)^2$ C. $(s - t)^2 = (t - s)^2$ D. None
5	<input type="text" value="Question Image"/>	
6	$w^{29} = \underline{\hspace{2cm}}$	A. 0 B. 1 C. w D. w^2
7	In polar form of complex number $r =$	
8	<input type="text" value="Question Image"/>	
9	<input type="text" value="Question Image"/>	A. 2^{n-1} B. $1 - 2^n$ C. $n + 2^n - 1$ D. $2^n - 1$
10	In $(x + iy)^n$ is the known as	A. Imaginary part of complex number B. Real part of complex number C. Complex number D. None of above
11	If $x^2 - 7x + a$ has remainder 1 when divided by $x + 1$, then $a = \underline{\hspace{2cm}}$	A. -7 B. 7 C. 0 D. None of these
12	The value of $\sin^{-1} \frac{24}{25}$ is equal to	A. $\csc^{-1} \frac{25}{24}$ B. $\sec^{-1} \frac{24}{25}$ C. $2 \tan^{-1} \frac{4}{5}$ D. $2 \cos^{-1} \frac{24}{25}$
13	$\{1, 2, 3, 4, \dots\}$ is set of _____	A. Natural numbers B. Whole numbers C. Integers D. Rational numbers
14	A statement which is either true or false is called	A. Induction B. Deduction C. Proposition D. Logic
15	<input type="text" value="Question Image"/>	
16	A function $f(x)$ is said to be the periodic function if for all x in the domain of f , there exists a smallest positive number p such the $f(x + p) = \underline{\hspace{2cm}}$	A. $f(p)$ B. $f(x)$ C. $f(0)$ D. None of these
17	The behavior of trigonometric function is called	A. Continuity B. Discontinuity C. Periodicity D. Smoothness

18	The range of $y=x^2 + 1$ is the set of non-negative real numbers except	A. $0 \leq y < 1$ B. $0 < y < 1$ C. $0 \leq y \leq 1$ D. $0 < y \leq 1$
19	The real number system contains.	A. Positive Numbers B. Negative numbers C. Zero D. (option a, b and c)
20	Question Image <input data-bbox="399 302 1093 331" type="text"/>	