

Mathematics General Science Test Medium Mode

Sr	Questions	Answers Choice
1	<input type="text" value="Question Image"/>	D. none of these
2	If x, y are two positive distinct numbers then	A. $A > G > H$ B. $A < G < H$ C. $A = G = H$ D. None of these
3	There is no integer n for which 3^n is	A. Odd B. even C. Natural D. Prime
4	<input type="text" value="Question Image"/>	
5	When rational fraction is separated into partial fractions, the result is	A. an identity B. A fraction C. A partial sum D. Improper fraction
6	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. $X = 2, y = 2$
7	<input type="text" value="Question Image"/>	A. $\cos x$ B. $\sec x \tan x$ C. $\sec^2 x$ D. $-\operatorname{cosec}^2 x$
8	The point on $y^2 = 4ax$ nearest to the focus has its abciassae equal to	A. $-a$ B. a C. $a/2$ D. 0
9	<input type="text" value="Question Image"/>	
10	Every recurring decimal represents	A. A natural number B. A rational number C. An irrational number D. A whole number
11	Sum of all the four forth roots of unity is	A. 1 B. -1 C. i D. 0
12	The symbol of irrational is	A. W B. N C. Q D. Q'
13	If the sum of two unit vectors is a unit vector the the magnitude of their difference is	A. $\sqrt{2}$ B. $\sqrt{3}$ C. 1 D. None of these
14	<input type="text" value="Question Image"/>	A. 1 B. -1 C. $-1/2$ D. $1/2$
15	The additive inverse of $2/3$ is	A. $3/2$ B. $-2/3$ C. $-3/2$ D. 0
16	If n is any positive integer then $4^n > 3^{n+4}$ is true for all	
17	In order of A is $m \times n$ and order of B is $n \times p$ then order of AB is	A. $m \times m$ B. $n \times n$ C. $m \times p$ D. $p \times m$
18	<input type="text" value="Question Image"/>	

19	For each natural number n , $n(n+1)$ is	A. an even B. an odd C. multiple of 3 D. Irrational
20	If $\triangle ABC$ is right, law of cosine reduce to	A. Law of sine B. Law of tangent C. Phythogorous theorem D. Hero's formula
