

Mathematics General Science Test Medium Mode

Sr	Questions	Answers Choice
1	<input type="text" value="Question Image"/>	
2	<input type="text" value="Question Image"/>	
3	<input type="text" value="Question Image"/>	
4	<input type="text" value="Question Image"/>	
5	Parametric equation of circle : $x^2+y^2+r^2$, are	A. $r^2 = x^2 \cos^2 \theta + y^2 \sin^2 \theta$ B. $x = r \cos \theta$ $y = r \sin \theta$ C. $x = r \sin \theta$ $y = r \cos \theta$ D. $x = r \cos \theta$ $y = r \sin \theta$
6	<input type="text" value="Question Image"/>	
7	In ΔABC if $\angle C = 90^\circ$ then the Pythagoras theorem is	A. $b^2 + c^2 = a^2$ B. $a^2 + b^2 = c^2$ C. $a^2 + c^2 = b^2$ D. None of these
8	<input type="text" value="Question Image"/>	A. $2x$ B. $3x^2$ C. 1 D. 0
9	<input type="text" value="Question Image"/>	A. 2 B. 1 C. 5 D. 0
10	$(1+w)(1+w^2)(1+w^4)(1+w^8)\dots 50$ factors	A. 0 B. -1 C. 1 D. 2
11	<input type="text" value="Question Image"/>	
12	<input type="text" value="Question Image"/>	
13	There is no element common in	A. N and W B. E and W C. N and O D. Q and Q'
14	If $f(x)$ is defined and continuous then $f(x)$ is always	A. Rational function B. Trigonometric function C. Logarithmic function D. All are correct
15	The domain of a finite sequence is a	A. Set of natural numbers B. R C. Subset of N D. Proper subset of N
16	<input type="text" value="Question Image"/>	A. Polynomial of degree 0 B. Polynomial of degree 2 C. Quadratic equation D. None of these
17	If (2,0) is the vertex and y-axis is directrix of parabola then focus is	A. (2,0) B. (-2,0) C. (4,0) D. (-4,0)
18	<input type="text" value="Question Image"/>	A. N B. r C. 2r D. πr^2

img alt="Question image placeholder" data-bbox="691 28 875 50"/>

19 The probability to get an odd number in a dice thrown once is

- A. $\frac{1}{2}$
- B. $\frac{1}{6}$
- C. $\frac{1}{3}$
- D. 2

20 Question Image