

## Mathematics General Science Test Medium Mode

Sr	Questions	Answers Choice
1	Question Image <input style="width: 500px; height: 20px;" type="text"/>	A. $6x - 2 + c$ B. $x^3 - x^2 + x + c$ C. $6x - x^2 + c$ D. $6x^3 - x^2 + c$
2	The distance between the points (1, 2) and (2, 1) is	A. 3 B. 6
3	Which of the following us a scalar	A. displacement B. velocity C. acceleration D. density
4	In a triangle ABC, if angle A = $72^\circ$ , angle B = $48^\circ$ and c = 9 cm then $\hat{C}$ is	A. <span style="font-size: 0.95em;">69°</span> B. <span style="font-size: 0.95em;">66°</span> C. $60^\circ$ D. <span style="font-size: 0.95em;">63°</span>
5	Question Image <input style="width: 500px; height: 20px;" type="text"/>	D. none of these
6	Question Image <input style="width: 500px; height: 20px;" type="text"/>	A. 0 B. U C. $u/2$ D. $\log u$
7	How many arrangements of the letters of the word ADDING can be made	
8	Question Image <input style="width: 500px; height: 20px;" type="text"/>	
9	The third term of a G.P. is 4, The product of first five terms is	A. 43 B. 45 C. 46 D. None of these
10	Question Image <input style="width: 500px; height: 20px;" type="text"/>	
11	Question Image <input style="width: 500px; height: 20px;" type="text"/>	
12	The domain of the principle sine function is	
13	The axis of the parabola $x^2 = 4ay$ is:	A. $y = 0$ B. $x = 0$ C. $x = -a$ D. $y = a$
14	The fixed point from which all the points of a circle are equidistant is called the	A. chord of the circle B. centre of the circle C. diameter of the circle D. radius of the circle
15	Question Image <input style="width: 500px; height: 20px;" type="text"/>	
16	$a \cdot a^{-1} = a^{-1} \cdot a = 1$ is a	A. Commutative law of multiplication B. Multiplicative identity C. Associative law of multiplication D. Multiplicative inverse
17	If $f(x) = ax^2$ , and $a > 0$ , then the lowest point on the parabola is called.	A. Vertex of parabola B. Co-ordinates of parabola C. Roots of the equation D. Coefficient of the equation
18	A sequence is a functions whose domain is a subset of the set of	A. Natural numbers B. Real numbers C. Whole numbers D. Rational numbers
19	Question Image <input style="width: 500px; height: 20px;" type="text"/>	D. none of these

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The eccentricity of parabola is:

- A. 1
- B. 0
- C. Greater than 1
- D. Less than 1