

Mathematics General Science Test Medium Mode

Sr	Questions	Answers Choice
1	202.04 is an example of	A. Recurring decimals B. Non-recurring decimals C. Terminating decimals D. None of above
2	Question Image <input style="width: 500px; height: 20px;" type="text"/>	A. Reflexive property B. Symmetric property C. Transitive property D. Additive property
3	Question Image <input style="width: 500px; height: 20px;" type="text"/>	
4	Question Image <input style="width: 500px; height: 20px;" type="text"/>	
5	The identity element with respect to subtraction is	A. 0 B. 1 C. -1 D. Does not exist
6	If (x_1, y_1) and (x_2, y_2) are the end points of a diameter then the centre of the circle is	
7	1.4142135... is _____	A. A natural number B. A rational number C. A prime number D. An irrational number
8	64. A point (x, y, z) moves parallel to xy plane. Which of the three variables x, y, z remain fixed?	A. z B. x C. y D. x and y
9	Question Image <input style="width: 500px; height: 20px;" type="text"/>	A. The law of sines B. The law of tangents C. The law of cosines D. None of these
10	Equation of parabola with focus $F(-3, 1)$ directrix $x=3$ is	A. $(y-1)^2 = -12x$ B. $(y-1)^2 = 4x$ C. $(x+3)^2 = 4a(y-1)$ D. $y^2 = -12(x-1)$
11	Question Image <input style="width: 500px; height: 20px;" type="text"/>	A. 0 B. 1
12	The set $\{ \{a, b\} \}$ is	A. Infinite set B. Singleton set C. Two points set D. Empty set
13	Question Image <input style="width: 500px; height: 20px;" type="text"/>	A. $\cot x + c$ B. $\tan x + c$ C. $-\cot x + c$ D. $-\tan x + c$
14	Which of the following is a vector.	A. energy B. force C. work D. power
15	The number of subsets of a set having three elements is	A. 4 B. 6 C. 8 D. none of these
16	Question Image <input style="width: 500px; height: 20px;" type="text"/>	A. $\cos 2x = \sin 4y$ B. $\cos 4y = \cos 2x$ C. $\cos 3y = \sin 4x$ D. None of these
17	Question Image <input style="width: 500px; height: 20px;" type="text"/>	A. -1 B. 1 C. 2 D. -2

18	Domain of $\cos\theta$ is	A. Set of odd numbers B. Set of integers C. Set of real numbers D. Set of complex numbers
19	A relation in which the equality is true only for some values of the unknown is called	A. An identity B. An equation C. A polynomial D. None
20	The exponent of x in 10th term in the expansion of $(a+x)^n$	A. 10 B. 12 C. 11 D. 9