

## Mathematics General Science Test Medium Mode

Sr	Questions	Answers Choice
1	Question Image	
2	Question Image	
3	Question Image	
4	The set of rational number is represented by	A. W B. R C. Q' D. $\mathbb{Q}$
5	Question Image	
6	The sum of indicated terms of a sequence is called	A. Arithmetic series B. Series C. Harmonic series D. None of these
7	Question Image	A. 9 B. -9 C. 0 D. 1
8	General solution of $1 + \cos x = 0$ is	
9	Question Image	A. $\cos x + c$ B. $-\sin x + c$ C. $-\cos x + c$ D. $\sin x + c$
10	Question Image	A. $\frac{1}{3}$ B. 1 C. 3 D. None of these
11	Given two independent event A and B such that $P(A) = 0.30$ and $P(B) = 0.60$ . Probability of getting neither A nor B is	A. 0.28 B. 0.13 C. 0.12 D. 0.42
12	If $a + b + c = 0$ then which of the following is true	A. $a = b = c = 0$ B. $a, b = b, c = c, a$ C. $a \times b = b \times c = c \times a$ D. None
13	The set $\{ \{a, b\} \}$ is	A. Infinite set B. Singleton set C. Two points set D. Empty set
14	Question Image	
15	The domain of the principal tan function is	
16	The approximate percentage increase in the volume of a cube if the length of its each edge changes from 5 to 5.02 is	A. 1.2% B. 1.5% C. 0.16% D. 100.16%
17	Question Image	A. 0 B. -2 C. 1 D. 4
18	Question Image	
19	Question Image	
20	Z is the set of integers, $(z, *)$ is a group with $a * b = a + b + 1$ , $a, b \in G$ . then inverse of a is	A. -a B. $a + 1$ C. $-2 - a$ D. None of these

