

## 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	The nth term of an A.P is $(3n+5)$ Its 75th term is	A. 26 B. 7 C. 21 D. Cannot be determined
5	<input type="text" value="Question Image"/>	A. 1 B. -i C. i D. 0
6	<input type="text" value="Question Image"/>	
7	$(7,9) + (3,-5) =$	A. (4,4) B. (10,4) C. (9,-5) D. (7,3)
8	if $A = \{x \in \mathbb{Q} \mid 0 < x < 1\}$ , the A is	A. Infinite set B. Finite set C. Set of rational numbers D. Set of real numbers
9	If you are looking someone on the ground from the top of a hill the angle formed is called angle of _____;	A. Elevation B. Depression C. Right angle D. None of these
10	If $\cos(2 \sin^{-1} x) = 1/9$ , then what is the value of x?	A. 1/3 B. -2/3 C. 2/3 D. 2/3, -2/3
11	The order axioms are satisfied by set of	A. C B. C and R C. R D. None of these
12	If $a^x = b^y = c^z$ and a, b, c are in G.P. then x, y, z are in	A. A.P. B. G.P. C. H.P. D. None of these
13	The additive inverse of 1 is	A. 1 B. -1 C. 0 D. Does not exist
14	$\sin(\pi+\theta) =$ _____;	A. $\sin\theta$ B. $\cos\theta$ C. $-\sin\theta$ D. $-\cos\theta$
15	Multiplicative inverse of 0 is	A. 0 B. 1 C. $\pm 1$ D. Does not exist
16	If the line $2x - y + k = 0$ is a diameter of the circle $x^2 + y^2 + 6x - 6y + 5 = 0$ then k is equal to	A. 12 B. 9 C. 6 D. 3
17	<input type="text" value="Question Image"/>	A. image B. pre-image C. constant D. none of these
18	The equation of the circle wit $(-1, 1)$ and radius 2 is	

19 Question Image

20 The point lying on the terminal side of  $-270^\circ$  is

- A. (1,0)
- B. (0,-1)
- C. (0,1)
- D. (-1,0)