

## Mathematics General Science Test Medium Mode

Sr	Questions	Answers Choice
1	Question Image	
2	Question Image	D. all are correct
3	If $Z = (1,2)$ , then $Z^{-1} = ?$	A. (0.2, 0.4) B. (-0.2, 0.4) C. (0.2, -0.4) D. (-0.2, -0.4)
4	Question Image	A. 3 B. 2 C. 8 D. 0
5	Question Image	
6	Sum of all the four forth roots of unity is	A. 1 B. -1 C. i D. 0
7	Question Image	
8	The centre fo the circle $x^2 + y^2 + 12x - 10 = 0$ is	A. (12, -10) B. (6, -5) C. (-12, 10) D. (-6, 5)
9	The length of perpendicular from (3,1) to $4x + 3y + 20 = 0$ is	A. 6 B. 7 C. 3 D. 8
10	A fraction in which the degree of the numerator is less the degree of the denominator is called	A. Polynomial B. Proper fraction C. Rational fraction D. None
11	If A is a non singular matrix then $A^{-1} =$ _____	
12	The parabola $y^2 = x$ is symmetric about	A. x-axis B. y-axis C. Both x and y-axis D. The line $y = x$
13	The solution of the equation $3 \tan^2 x = 1$ is _____	D. none of these
14	If distance between (a,2) and (0,0) is 2 then a = _____	A. 0 B. 2 C. 4
15	The point lying on the terminal rat of $-270^\circ$ is	A. (1,0) B. (0,-1) C. (0,1) D. (-1,0)
16	The period of the function $\csc x/4$ us	A. $4x$ B. $\pi/4$ C. $8\pi$ D. $\pi/8$
17	Question Image	
18	Z is a	A. Infinite set B. Finite set C. Singleton set D. Set of all integers
19	Question Image	
20	Question Image	