

## Mathematics General Science Test Medium Mode

Sr	Questions	Answers Choice
1	The conjugate of $\sqrt{5} i$ is	A. $\sqrt{5}$ B. $-\sqrt{5} i$ C. $i$ D. $5i$
2	Question Image	
3	$\pi$ is _____	A. A complex number B. A rational number C. A natural number D. An irrational number
4	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)
5	Question Image	
6	Question Image	
7	Question Image	
8	Which of the vectors have opposite direction?	
9	Question Image	
10	Question Image	
11	The points $(5, -4, 2), (4, -3, 1), (7, -6, 4), (8, -7, 5)$ are vertices of a	A. Square B. Parallelogram C. Rectangle D. Rhombus
12	Question Image	
13	The corner point of the boundary lines, $x - 2x + 2y = 10$ is:	A. (8, 1) B. (1, 8) C. (6, 10) D. (3, 5)
14	If $f(x) = x^2 - x$ then $f(2)$ is	A. 4 B. 6 C. 2 D. 0
15	A non-terminating, non-recurring decimal represent	A. A natural number B. A rational number C. An irrational number D. A prime number
16	The distance of the plane $2x - 3y + 6z + 14 = 0$ from the origin is	A. 14 B. 2 C. -2 D. 11
17	Question Image	
18	Question Image	
19	If $a_n = 2n - 3$ , write the first four terms	A. -3, -1, 1, 3 B. 1, 3, 5, 7 C. -1, 1, 3, 5 D. None of these
20	Question Image	