Mathematics General Science Test Medium Mode

Sr	Questions	Answers Choice
1	Question Image	A. (g,f) B. (-g,f) C. (g,-f) D. (-g,-f)
2	There are _____ types of rational fraction	A. Three B. Four C. Five D. Two
3	$\sqrt{x}$ = _____ if is a prime number	A. Rational no B. Natural no C. Irrational no D. Complex no
4	Question Image	
5	Question Image	
6	Question Image	
7	If the vertex of the parabola is the origin and directrix is x+5 = 0 . then its latus rectum is:	A. 10 B. 5 C. 0 D. 20
8	i^9 =	A. i^2 B. -1 C. 1 D. i
9	The distance of the point (2,3) from y-axis is	A. 2 B. 3 C. 5
10	Question Image	A. 0 B. 1 C. -1 D. 2
11	Question Image	A. 2 B. 7 C. 8 D. 12
12	Φ set is the _____ of all sets	A. Subset B. Union C. Universal D. Intersection
13	Question Image	
14	Question Image	A. Trichotomy property B. Additive property of inequality C. Transitive property D. Multiplicative property
15	Question Image	
16	Domain of sec x is _____	
17	A and B be two square matrices and if their inverse exist, the $(AB)^{-1}$=	A. $A^{-1}B^{-1}$ B. AB^{-1} C. $A^{-1}B$ D. $B^{-1}A^{-1}$
18	The mid point of the line joining the points $P(x_1, y_1)$ and $Q(x_2, y_2)$ is	
19	Question Image	D. none of these
20	Question Image	A. (a + b)c = ac + bc B. a + b = b + a C. (a + b) + c = a + (b + c) D. a(b +c) = ab + ac

D. $a(b + c) = ab + ac$