Mathematics General Science Test Medium Mode

Sr	Questions	Answers Choice
1	The statement that a group can have more than one identity elements is	A. True B. False C. Fallacious D. Some times true
2	The solution set of $x^2 - 5x + 6 = 0$ is	A. {1, 3} B. {2, 3} C. {1, 2} D. None of these
3	The identity elements with respect to subtraction is	A. 0 B. 1 C. -1 D. Does not exist
4	Question Image	
5	The solution of the equation $3\tan^2 x = 1$ is _____	D. none of these
6	The sum of the focal distance from any point on the ellipse $9x2 + 16y2 = 144$ is	A. 32 B. 16 C. 18 D. 8
7	Question Image	A. Multiplication property B. Additive property C. Trichotomy property D. Transitive property of inequality
8	$(a,b) + (-a,-b) =$	A. (0,0) B. (a,b) C. (-a,-b) D. (1,1)
9	The set of ordered pairs (x,y) such that ax+ by < c, and (x,y) such that ax + by>0, are called	A. Half planes B. Boundary C. Linear Inequalities D. Feasible regions
10	Question Image	A. 36 B. 360 C. 24 D. 6
11	The perimeter of a sector of a central angle of measure 1 radian out off an are of length 35cm is	A. 35 cm B. 70 cm C. 140 cm D. 105 cm
12	The inclination of a line parallel to y-axis is	
13	If 0 = {1,3,5.......}, then n (0) =	A. Infinite B. Even numbers C. odd integers D. 99
14	Question Image	
15	Question Image	D. none of these
16	Question Image	
17	A bag contains 3 white, 4 black and 2 red balls. If 2 balls are drawn at random, then the probability that both the ball are white is	A. 1/18 B. 1/12 C. 1/36 D. None of these
18	The process of finding the unknown elements in triangle is called the	A. solution of the triangle B. Mean differnece C. Engineering distance D. angle of depressin
		A. Irrational numbers

| 19 | If P = {x/x = p/q where p,q ∈ Z and q≠ 0}, then P is the set of | B. Even numbers
C. Rational numbers
D. Whole numbers |
| 20 | Question Image | A. 3
B. 1
C. 4 |