Mathematics General Science Test Medium Mode

Sr	Questions	Answers Choice
1	Question Image	A. 120 B. 5 C. 4 D. 6
2	If the lines 2x-3y-1=0,3x-y-5=0 and 3x+py+8=0 meet at a unique point then	A. p = -14 B. p = -1 C. p =0 D. p=12
3	Another name of quadratic equation is	A. Polynomial B. 2nd degree polynomial C. Linear equation D. simaltaneous equations
4	Question Image	
5	Φset is the _____ of all sets?	A. Subset B. Union C. Universal D. Intersection
6	Question Image	D. None of these
7	Domain of sin x is _____	
8	Period of cot x is _____	
9	Question Image	
10	Question Image	D. none of these
11	Intersection of two parabolas	A. parabola B. Two points C. Four points D. Hyperobla
12	A circle drawn inside a triangle and touching its sides is called _____;	A. Circumcirle B. Incircle C. Escribed circle D. unit circle
13	Range of $\cot\theta$ is	A. (+<i>∞</i>to -<i>∞</i>) B. (-1 to +1) C. (-5 to +5) D. Set of even numbers only
14	x = _____ is in the solution of 2x - 5 > 0	A. 0 B. 2 C. -2 D. 3
15	The extraction of cube root of a given number is a	A. Unary Operation B. Binary Operation C. Relation D. None of these
16	Question Image	A. 2 B. 4 C. 6 D. 8
17	Question Image	

18	For all points (x,y) in second quadrant	A. x > 0 , y < 0 B. x > 0 , y > 0 C. x < 0 , y < 0 D. x < 0 , y > 0
19	The seventh term of $(x3+1/x)8$ is	A. 71 B. -22 C. 27 D. 28
20	Question Image	