Mathematics General Science Test Medium Mode

Sr	Questions	Answers Choice
1	$(n + 2)(n + 1)n =$ _____	
2	The equation $x^2 + y^2 + 2g + 2fy + c = 0$ represents a circle whose centre is :	A. (g,f) B. (-g,-f) C. (2g ,2f) D. (-2f ,-2g)
3	The distance between the points (0,0) and (x,y) is	A. $x^2 + y^2$ B. x C. y
4	Which of the following does not represent absolute value of a vector	A. magnitude B. length C. norm D. number
5	The set of the first elements of the ordered pairs forming a relation is called its	A. Function on B B. Range C. Domain D. A into B
6	Question Image	
7	The 5th term of $(3a-2b)^{-1}$ is	A. $77b^2/a^5$ B. $16b^2/243a^5$ C. $17b^4/43a^5$ D. $25b^3/43a^5$
8	The additive identity of real number is	A. 1 B. 2 C. 1/2 D. **0**
9	The identity element with respect to subtraction is	A. 0 B. -1 C. 0 and 1 D. None of thes
10	Question Image	
11	Question Image	
12	Such fraction which can not be written in the form of p/q where p,q and q≠ 0,such fractions are called.	A. Fractinal numbers B. Rational Numbers C. Even Numbers D. Whole Numbers
13	If G is a G.M between a and b then a,G,b are in	A. A.P B. H.P C. G.P D. None of these
14	A prime number can be a factor of a square only if it occurs in the square at least	A. Once B. Thirce C. Twice D. None of these
15	If $\cos^{-1}p + \cos^{-1}q + \cos^{-1}r = \pi$ then $p^2 + q^2 + r^2 + 2pqr$ is equal to	A. 3 B. 1 C. 2 D. -1
16	The area bounded by $y = x(x2 - 4)$ and below x - axis is	A. 4 B. 0 C. -4 D. 8
17	Question Image	A. Imaginary B. Rational C. Irrational D. Real numbers

18	If you are looking someone on the ground from the top of a hill the angle formed is called angle of _____;	A. Elevation B. Depression C. Right angle D. None off these
19	Question Image	
20	Question Image	A. Reflexive property B. Symmetric property C. Transitive property D. Additive property