Mathematics General Science Test Medium Mode

Sr	Questions	Answers Choice
1	Question Image	D. None of these
2	Such fraction which can not be written in the form ofp⁄q where p,q and q≠ 0,such fractions are called.	A. Fractinal numbers B. Rational Numbers C. Even Numbers D. Whole Numbers
3	Question Image	
4	Some of two real numbers is also a real number , this property is called:	A. Commutative property w.r.t addition B. Closure property w.r.t. addition C. Associative property w.r.t. addition D. Distributive property w.r.t addition
5	If a cone is cut by a plane perpendicular to the axis of the cone, then the section is a	A. parabola B. circle C. hyperbola D. ellipse
6	Question Image	D. none of these
7	Question Image	
8	If aand bare two vectors then a+b =	A. b + a B. b - a C. ab D. a^ b
9	Question Image	
10	Question Image	
11	Question Image	A. Reflexive property B. Symmetric property C. Cancellations property w.r.t. addition D. Transitive property
12	f(x) = ax + b will be a constant function if	A. a = 1 , b = 1 B. a = 1 , b = 0
13	Let a_1, a_2, a_3, $a_4$and $a_5$be such that a_1, a_2, and $a_3$are in A.P., a_2, $a_3$and $a_4$are in G.P and a_3, $a_4$and $a_5$are in H.P. Then, a_1, $a_3$and $a_5$are in	A. G.P. B. A.P. C. H.P. D. None of these
14	Question Image	B. sin 2x + c C. -sin 2x + c
15	Question Image	A. π / 2 B. π / 3 C. π / 4 D. π

16	The 6th term of the sequence 7,9,12,16.....is	A. 27 B. 32 C. 20 D. 19
17	Question Image	
18	The curve f(x,y) = 0 has a central symmetry if	A. f(-x,-y)=f(x,y) B. f(x,-y)=f(x,y) C. f(-x,y)=f(x,y) D. f(-x,-y)≠f(x,y)
19	The distance of the point (-2 , 3) from y-axis is	A. 2 B. -2 C. 3 D. 1
20	an -an-1, ∀n∈N∧n>1 in an A.P is called	A. Common difference B. nth term C. Common ratio D. None of these