Mathematics General Science Test Medium Mode

Sr	Questions	Answers Choice
1	In the function f: A□B, the elements of a are called	A. Images B. Pre-images C. ranges D. Parameters
2	Question Image	A. Conclusion B. Implication C. Antecedent D. Hypothesis
3	Question Image	
4	Question Image	
5	Period of cosec x is _____	
6	The period of cot 8x is	A. $\pi/10$ B. $9\pi/7$ C. $\pi/9$ D. $\pi/8$
7	Question Image	A. 360° B. 180° C. 90° D. None of these
8	If (0,4) and (0,2) are vertex and focus of the parabola respectively, the the equation of the parabola is:	A. $x^2 = 4y - 32$ B. $x^2 = 8y - 32$ C. $y^3 = 16x$ D. $x^2 + 8y = 32$
9	Question Image	D. none of these
10	Which of the following is a vector.	A. distance B. temperature C. energy D. acceleration
11	The three consecutive numbers a,√ab,b are in	A. G.P B. H.P C. G.M D. None of these
12	Two quadratic equation in which xy term is missing and the coefficients of x^2 and y^2 are equal, give a linear equation by _____	A. Addition B. Subtraction C. Multiplication D. Division
13	Question Image	A. 25 B. 16 C. 5 D. 0
14	π is the ration of	A. Area of a circle to its diameter B. Area of a circle to its radius C. Circumference of a circle to its diameter D. Circumference of circle to its radius
15	In triangle ABC, in which b=95, c=34, a =52□ then the value of a=	A. 18 cm B. 18.027 cm C. 20.7 cm D. 19 cm
16	A function f is said to be an even if f(-x) =	A. 0 B. 1 C. f(x) D. -f(x)
17	The set of all positive even integers is	A. Not a group B. A group w.r.t. subtraction C. A group w.r.t. division D. A group w.r.t. multiplication

18	Question Image	
19	Question Image	
20	14 is not a	A. Prime number B. Whole number C. Even number D. Real number