

Mathematics General Science Test Hard Mode

Sr	Questions	Answers Choice
1	Question Image	
2	Question Image	A. 10 B. 20 C. 40 D. 26
3	Question Image	A. A positive integerB. A negative integerC. A natural numberD. An irrational number
4	Question Image	
5	What is a proper rational fraction?	D. All are proper rational fractions
6	Question Image	
7	If $f_1(x)$ and $f_2(x)$ are any two anti derivatives of a function F (x), then the value of $f_1(x)$ - $f_2(x)$ =	A. A variable B. A constant C. undefined D. infinity
8	The constant distance of all points of the cirlce from its centre is called the	A. Radius of the circle B. Secant of the circle C. Chord of the circle D. Diameter of the circle
9	Complex roots of real quadratic equation occur in	A. Conjugate pair B. ordered pair C. reciprocal pair D. quadratic function
10	Question Image	
11	In the expansion of $(a + b)^n$ in every term the sum of the exponents of a and b is	A. n B. n + 1 C. 2n - 1 D. 2n + 1
12	If 4 - x > 5, then	A. x > 1 B. x > -1 C. x < 1 D. x < -1
13	Question Image	
14	3/2 is	A. An irrational number B. Whole number C. A positive integer D. A rational number
15	The equation of the line with gradient 1 passing through the point (h, k) is	A. Y = x + k - h B. Y = k/h x + 1 C. Y = x + h - k D. Ky = hx - 1
16	Cos 315°=	A. 0.707 B. 0.5 C. 1 D. 0
17	Question Image	
18	Question Image	
19	The equation of the normal to the circle x^2 + y^2 = 25 at(4, 3) is	A. 3x - 4y = 0 B. 3x - 4y = 5 C. 4x + 3y = 5 D. 4x + 3y = 25
	Question Image	

