Mathematics General Science Test Medium Mode

Sr	Questions	Answers Choice
1	The point lying on the terminal rat of -270° is	A. (1,0) B. (0,-1) C. (0,1) D. (-1,0)
2	Question Image	
3	The term involving x^4 in the expansion (3-2x) is	A. $217x^4$ B. $15120x^4$ C. $313x^4$ D. $-25x^4$
4	Area of inscribed circle is	A. $\pi R2$ B. $\pi \eta 2$ C. $\pi r22$ D. $\pi r2$
5	The distance between two points $P(x_1, y_1)$ and $Q(x_2, y_2)$ is	
6	Question Image	
7	Question Image	A. One-to-one and onto B. One-to-one but not on to C. Onto but not one-to-one D. Neither one-to-one nor onto
8	$x^2 + x - 6 = 0$ is	A. An equation B. An identity C. A polynomial D. None of these
9	Question Image	
10	The points A(+1,-1),B(3,0),C(3,7),D(1,8) are vertices of	A. Square B. Parallelogram C. Rectangle D. Trapezium
11	The term involving x^4 in the expansion of $(3 - 2x)^7$ is	A. 120 B. 1512 C. 1250 D. 15120
12	The area of sector with central angle of 1 radian in a circular region whose radius is 2m is	A. 0.5m2 B. 2m2 C. 1m2 D. 4m2
13	Question Image	
14	If a = [1,4,3] and B= [2,-1,5] athen the mid point M of AB is:	A. [1,1,1.5] B. [2,2,1.5] C. [1.5,1.5,4] D. None of these
15	Question Image	
16	Sine is a periodic function and its period is _____	A. <i>π</i> B. s C. 2<i>π</i> D. <div style="text-align: start;"><span style="text-align: center; background-color: rgb(255, 255,

		255); >4<I style= text-align: center;">π</i></div>
17	The sum of first 60 natural numbers is	A. 1830 B. 3660 C. 1640 D. 1770
18	i =	
19	Question Image	A. (1, 3) B. (-1, -3) C. (1, -3) D. (-1, 3)
20	If n(A) = n then n(P(A)) is	A. 2n B. n^2 C. n/2 D. 2^n