Mathematics General Science Test Medium Mode

Sr	Questions	Answers Choice
1	Question Image	A. R B. 2R C. r D. 2r
2	Question Image	
3	For a positive integer n	A. $n! = n(n + 1)$ B. $n! = n(n+1)!$ C. $n! = n(n - 1)$ D. $n! = n(n - 1)!$
4	Question Image	A. 3 B. 2 C. 8 D. 0
5	If $4 \sin^2\theta = 1$, then values of θ are	
6	Question Image	A. Square matrix B. Row matrix C. Symmetric matrix D. Null matrix
7	If $a^x = b^y = c^z$ and a, b, c are in G.P. then x, y, z are in	A. A.P. B. G.P. C. H.P. D. None of these
8	The transpose of a column matrix is a _____	A. Zero matrix B. Diagonal matrix C. Column matrix D. Row matrix
9	Question Image	
10	Question Image	D. all are correct
11	The distance of a moving particle at any instant t is x = 3t2 +1 then velocity of particle at t = 10 is	A. 50 cm/sec B. 60 cm/sec C. 61 cm/sec D. None of these
12	$n^2 - 1$ divisible by 8 when n is	A. an odd integer B. an even integer C. Irrational D. Prime Number
13	Question Image	D. none of these
14	Question Image	A. A.P. B. G.P. C. H.P. D. None of these
15	Question Image	
16	In natural logarithm the base is	A. 1 B. 0 C. 10 D. e
17	Question Image	
18	$\forall z \in C$, multipliucative is	A. (1,1) B. (1,0) C. (0,1) D. None of these
19	$w^{-12} =$ _____	A. 0 B. 1 C. w

D. w^2

20	Apollonius was a:	A. Rocket
		B. Muslims scientist
		C. Greek mathematicians
		D. Method of finding conics