Mathematics General Science Test Medium Mode

Sr	Questions	Answers Choice
1	Question Image	
2	Question Image	A. -x B. Infinite set C. {-4, 4} D. None of these
3	Question Image	B. $6x + 2 + c$ C. $6x + x^2 + c$ D. $6x^3 + x^2 + x$
4	Question Image	
5	If in the expansion of $(1+x)^n$, co-efficients of 2nd, 3rd and 4th terms are in A.P., then x=	A. 4 B. 5 C. 6 D. 7
6	n(n - 1) (n - 2) in factorial form is	
7	Question Image	A. n(A) B. n(B) C. 0 D. 1
8	Question Image	
9	Question Image	A. N B. r C. 2r D. π
10	If $\underline{a}$ and $\underline{b}$ are two vectors then a+b =	A. b + a B. b - a C. ab D. a^ b
11	Question Image	A. 16 B. 256 C. 64 D. 1024
12	$n! > 2^{n}-1$ is true when	A. n≤ 3 B. n≤ 6 C. n≥ 4 D. n≤ 6
13	Question Image	
14	Question Image	A. Additive property in R B. Multiplication property in R C. Cancellation property in R D. Distribution property in R
15	Question Image	
16	$\tan \theta/2$	
17	3, 6, 12,.... is	A. A.P B. G.P. C. H.P. D. None of these
18	Question Image	A. cosec x + c B. -cosec x + c C. -sec x + c

D. sec x + c

19	The transpose of a zero matrix is a _____	A. Column matrix B. Zero matrix C. Row matrix D. Scalar matrix
20	Question Image	A. 5 B. 15 C. 10 D. 20