

Mathematics General Science Test Medium Mode

Sr	Questions	Answers Choice
1	Question Image	A. 1 B. 3 C. 2-i D. -1
2	If $x^3 - x^2 + 5x + 4$ is divided by $x - 2$, then the remainder is	A. 0 B. 2 C. 18 D. 14
3	Question Image	
4	The product of cube roots of unity is	A. Zero B. 1 C. -1 D. None of these
5	graph of trigonometric function $y = \sec x$ does not meet	A. x - axis B. y -axis C. both axis D. None of these
6	Question Image	
7	$\cos^4\theta - \sin^4\theta =$	A. $\cos 4\theta$ B. $\cos 2\theta$ C. $-\sin 2\theta$ D. $\sin 2\theta$
8	Question Image	A. Symmetric property B. Cancellation property w.r.t. multiplication C. Reflexive property D. Transitive property
9	If $f(x) = -x^3$ then $f(-2)$ is	A. -2 B. -4 C. -8 D. 8
10	$\tan(\cot^{-1}x)$ is equal to	A. $\cot(\tan^{-1}x)$ B. $\tan x$ C. $\sec x$ D. None of these
11	Period of $3 \sin x$ is _____	
12	Question Image	
13	A sequence of number whose reciprocals form an arithmetic sequence is called	A. Geometric sequence B. Arithmetic series C. Harmonic sequence D. Harmonic series
14	Question Image	

14		
15	Question Image	D. all are correct
16	Question Image	
17	Question Image	A. Trichotomy property B. Additive property of inequality C. Transitive property D. Multiplicative property
18	(1, 2) is in the solution of the inequality	A. $2x + y \geq 8$ B. $2x + y < 6$ C. $2x - y \geq 1$ D. $2x + 3y \leq 2$
19	Question Image	
20	Question Image	