

Mathematics General Science Test Medium Mode

Sr	Questions	Answers Choice
1	The angle AOP which the ray from an observer's eye at O to an object at P at a lower level makes with horizontal ray OA through O is called the	A. Angle of depression B. Angle of elevation C. Acute angle D. Obtuse angle
2	Question Image	A. Reciprocal equation B. Exponential equation C. Radical equation D. None of these
3	Question Image	A. The law of sines B. The law of tangents C. The law of cosines D. None of these
4	A sequence is a functions whose domain is a subset of the set of	A. Natural numbers B. Real numbers C. Whole numbers D. Rational numbers
5	The ratio in which the line $y - x + 2 = 0$ divides the line joining (3,-1) and (8,9) is	A. 2:3 B. -2:3 C. 3:2 D. -3:2
6	Question Image	A. a B. 2a C. 3a D. 4a
7	nC_2 exists when n is _____	
8	The sum of all positive integral multiple of 5 less than 100 is	A. 950 B. 760 C. 1230 D. 875
9	For ≥ -2 , $1+3+5+\dots+(2n+5)$	A. $(n+2)^2$ B. $(n-2)^2$ C. $2n+1$ D. $(n+3)^2$
10	Question Image	
11	The graph of $y < 2$ is the	A. Left half plane B. upper half plane C. Right half plane D. Lower half plane
12	A Series which does not coverage to a Unique sum is called	A. Harmonic Series B. Oscillatroy Series C. Arithmetic Series D. None of these
13	Question Image	A. 0 B. abc C. $1/abc$ D. None of these
14	Question Image	A. A rational number B. An irrational number C. An odd number D. A prime number
15	Question Image	A. 2 B. 4 C. 3 D. 16
16	Archimedes approximate the function by horizontal function and the area under f by the sum of small	A. Parallelograms B. Squares C. Retangles D. Polygons

17	Question Image	
18	Question Image	
19	The coefficient of x^n in the expansion of $(1-2x)^{-1}$ is	A. $(-1)^n 2^n$ B. 2^n C. $(-1)^{n+1} x^n$ D. $(n+1) 2^n$
20	$\sqrt[3]{8.6}$ is approximately equal to	A. 2.488 B. 2.48 C. 2.0488 D. 2.05