

Mathematics General Science Test Medium Mode

Sr	Questions	Answers Choice
1	A sequence having no last term is called	A. arithmetic sequence B. Geometric sequence C. Finite sequence D. Infinite sequence
2	Question Image	
3	Question Image	A. 0 B. 1 C. 13
4	$\sin^{-1}(-x) =$	A. x B. -x C. $-\sin^{-1} x$ D. $\cos^{-1} x$
5	If (2, 3) is the mid point of (a, 3) and (5, b) then	A. a = 1 , b = -3 B. a = -1 , b = 3 C. a = 1 , b = 3 D. a = -1 , b = -3
6	The point of concurrency of the medians of the ΔABC is called its	A. Orthocenter B. Centroid C. Circumcentre D. Incentre
7	Question Image	
8	$\int \sec^2(ax + b) dx$ is equal to:	A. $\tan^2(ax + b)$ B. $\frac{1}{a} \tan^2(ax + b)$ C. $\frac{1}{a} \tan(ax + b)$ D. $\tan(ax + b)$
9	Question Image	
10	Which symbolic notation represent unary operation ?	A. - B. V C. \wedge D. \Leftrightarrow
11	$(a + b) - c (c + d) =$	A. $(a + b) = (c + d)$ B. $(a + c) + i(b + d)$ C. $(a - c) + (c - d)$ D. $(a - c) + (b - d)$
12	Question Image	A. 0 B. abc C. $1/abc$ D. None of these
13	A triangle which is not right angle is called _____ triangle	A. acute B. Obtuse C. Right D. Oblique
14	Question Image	
15	Question Image	
16	$(ABC)' =$	A. CBA' B. CBA C. C' B' A' D. None of these
17	Question Image	D. none of these
18	Two unbiased dice are thrown. The probability that the total score is > 5 is	A. $1/18$ B. $7/18$ C. $13/18$ D. $11/18$
19	An equation containing at least one derivative of a depends variable with respect to independent variable is a (an)	A. Implicit equation B. Differential equation C. General equation

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Question Image