

Mathematics General Science Test Medium Mode

Sr	Questions	Answers Choice
1	Question Image	
2	The set of complex numbers forms	A. Commutative group w.r.t addition B. Commutative group w.r.t multiplication C. Commutative group w.r.t division D. Non commutative group w.r.t addition
3	Question Image	A. 25 B. 16 C. 5 D. 0
4	Question Image	A. 1 B. 2 C. 3 D. None of these
5	If P, Q, R be the A.M., G.M., H.M. respectively between any two rational numbers a and b, then P - Q is	
6	$H_1, H_2, H_3, \dots, H_n$ are called n harmonic means between a and b if a, $H_1, H_2, H_3, \dots, H_n, b$ are in	A. H.P. B. G.P. C. A.P. D. None of these
7	What is the value of $\cos^{-1}(1/2)$?	A. $\pi/3$ B. $\pi/4$ C. $3\pi/2$ D. $\pi/6$
8	Question Image	
9	Question Image	A. $2x - 3x + c$ B. $x^2 - 3x + c$
10	The statement that a group can have more than one identity elements is	A. True B. False C. Fallacious D. Some times true
11	Question Image	
12	If we have a statement "if p then q" then q is called	A. Conclusion B. Implication C. Unknown D. Hypothesis
13	A relation in which the equality is true only for some values of the known is called _____	A. An identity B. An equation C. A polynomial D. None of these
14	Question Image	
15	Question Image	A. 56 B. 7 C. 8 D. 8/7
16	Question Image	A. are real no B. both are not real C. are imaginary no D. both are imaginary
17	Question Image	
18	Question Image	
19	$\cos 0^\circ =$ _____	A. -1 B. 0 C. 1 D. Undefined

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The domain of a finite sequence is a

- A. Set of natural numbers
- B. \mathbb{R}
- C. Subset of \mathbb{N}
- D. Proper subset of \mathbb{N}