

Mathematics FA Part 1 Online Test

Sr	Questions	Answers Choice
1	r r ₁ r ₂ r ₃ =	D. abc
2	The number of ways in which fiver persons can sit at a round table is:	A. 4! B. 5! D. none of these
3	Question Image	A. A B. B
4	A sequence of numbers whose reciprocal form an arithmetic sequence, is known as:	A. arithmetic sequence B. geometricsequence C. harmonicsequence D. none of these
5	Question Image	A. equal sets B. null sets C. overlapping sets D. subsets
6	Question Image	
7	Question Image	A. 0 B1 C. >1 D. none
8	Question Image	
9	The set of negative integers is closed with respect to:	A. addition B. multiplication C. both (a) and (b) D. subtraction
10	The period of sin 2x is:	A. π B. 2π C. 3π
11	Question Image	D. 20
12	The ordered pairs (4, 5) and (5, 4) are:	A. same B. different C. both a and b D. N
13	Question Image	A. 0
14	Question Image	B. archimedean property C. transitive property D. multiplicative property
15	G.M between -2i and 8i is:	A. 4 or -4 B. 4i or -4i C. 2 or -2 D. none
16	Question Image	
17	Tickets numbered 1 to 20 are mixed up and then a ticket is drawn at random. What is the probability that the ticket drawn bears a number which is a multiple of 3?	D. none of these
18	Question Image	
19	If a _{n-3} = 2n - 5 then a _n =	A. 2n-1 B. 2n+1 C. 2n+3 D. none
20	The distance between the points P(x1, y1) and Q(x2, y2) is:	