

## 11th Class FA Mathematics Chapter 8 Online Test

Sr	Questions	Answers Choice
1	Question Image	
2	If AB = BA = I, then A and B are:	A. equal to each other B. multiplicative inverse of each other C. additive inverse of each other D. both singular
3	Question Image	A. quadratic equation     B. reciprocal equation     C. exponential equation     D. none of these
4	If A is non singular matrix then $A^t$ is:	A. singular B. nonsingular C. symmetric D. none
5	If a matrix A is symmetric as well as skew symmetric, then:	A. A is null matrix B. A is unit matrix C. A is triangular matrix D. A is diagonal matrix
		A. 0 B. i
6	Question Image	Ci D. 1
7	If a polynomial $P(x) = x^2 + 4x^2 - 2x + 5$ is divided by $x - 1$ , then the reminder is:	A. 8 B2 C. 4 D. 5
8	If the initial side of an angle is the positive x-axis and the vertex is at the origin, the angle is said to be in the:	A. initial position B. finalposition C. normalposition D. standardposition
9	What is called the arrangement of numbers formed according to some definite rule?	A. arithmetic sequence B. geometricsequence C. sequence D. none of these
10	$(1-\cos^2\Theta)(1+\cot^2\Theta)=$	A. tan <sup>2</sup> Θ B. 0 C. 1 D1
11	Question Image	
12	If 4 <sup>x</sup> = 2, then x equals:	A. 2 B. 1
13	Question Image	
14	sin5⊝ + sin3⊝ is equal to:	A. 2cos 2⊖ sin ⊖ B2 cos 4⊖ sin ⊖ C2 sin 4⊖ cos ⊖ D. 2 sin 4⊖ cos ⊖
15	Question Image	A. integer B. rational number C. irrational number D. natural number
16	Question Image	A. a is an element of a set A B. a is subset of A C. a is a whole number D. a contains A
17	Question Image	A. set builder notation B. tabular form C. descriptive method D. non-set builder method
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18	Question Image	
19	No. of arrangements of the letters of the word plane taking all letters at a time:	A. 5 B. 1 D. none
20	Question Image	A. 4 B. 6 C. 8 D. 10