Name: _____	**Subject:** Computer	**Class:** 10th	**Time:** 80 minutes	Total Marks:	**40**
Chapter No.9		**MJDexpert.com**		Obtained marks	

Note: Please attempt any 10 short questions from Question 2. Also, attempt both parts of Question 3. Cutting and removal of any content is strictly prohibited.

Objective Section

Question #1: Select the Correct Option (12 × 1 = 12)

1. The statement DIM C(50,30) allocates:
   A) 80 locations   B) 1500 locations   C) 1800 locations   D) 150 locations
2. A one-dimensional array is also referred to as:
   A) List   B) Table   C) Matrix   D) None of these
3. Which statement is used to determine the largest value in an array?
   A) INPUT   B) READ...DATA   C) ON_ERROR_GOTO   D) None of these
4. The double subscript variable P(2,3) refers to the data element in:
   A) Column 3, Row 2   B) Column 3, Column 2   C) Column 2, Row 2   D) Row 3, Row 2
5. What is the maximum number of elements allowed in a single direction?
   A) 10   B) 255   C) 32767   D) None of these
6. N$(5) can hold how many values?
   A) 4   B) 5   C) 6   D) 3
7. Which word is used in an array declaration statement?
   A) DM   B) DIM   C) DS   D) DMS
8. The statement X(30) reserves how many memory locations?
   A) 29   B) 30   C) 31   D) None of these
9. How many different types of arrays are there?
   A) 1   B) 2   C) 3   D) 4
10. An array element is identified by its:
    A) Subscript   B) Array   C) Object   D) Element name
11. The value inside the brackets of an array is known as:
    A) Object   B) Subscript   C) Element   D) Statement
12. Which of the following is not a valid subscript?
    A) A(-2)   B) B(4)   C) A(2)   D) NUM(10)

Subjective Section

Question #2: Provide Brief Answers (10 × 2 = 20)

1. Provide the syntax for an array and explain how it is structured.
2. Define a one-dimensional array.
3. What does the term "subscript" refer to in an array?
4. Name two types of arrays.
5. Explain what an array is and its primary purpose.
6. List the different types of arrays.
7. Explain the concept of array filling.
8. Describe the role of a subscript variable in an array.
9. How can you display the elements of an array?
10. What is meant by declaring an array?

Question #3: Provide Detailed Answers (4 × 2 = 8)

a) Discuss the use of a subscript variable in an array and its importance.
b) Explain how to fill and print an array with an example.
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