Unit III	Arrays and Structure		Marks - 16
S. N.	**MSBTE Board Asked Questions**	**Exam Year**	**Marks**
1.	Define array. List its types.	W-23 S- 22 W-19	2M
2.	Explain any two string handling functions with syntax and example.	W-23	4M
3.	Illustrate initialization of one dimensional array with example.	W-23	4M
4.	Differentiate between character array and integer array with respect to size and initialization.	W-23 S-22	4M
5.	Write a program using structure to display information of employee which consist of employee id, name, age and salary.	W-23 S-22	6M
6.	Write a program to add two 3×3 matrices. Display the addition.	W-23 W-22 S-22 W-19 W-18	6M
7.	Define Array	S-23	2M
8.	Write a C Program to add two distance in given kilometers using structure	S-23	4M
9.	Write a c program for multiplication to two 3* 3 matrix	S-23	4M
10.	Explain how to initialize and define structure.in C programming	S-23	4M
11.	Write a c program to find the largest and smallest number in given array	S-23	6 M
12.	Define structure. Give one example of structure declaration	W-22	2M
13.	Explain declaration and initialization of one dimensional array using example.	W-22	4M
14.	Write a program to declare an array of 5 elements and display sum of all array elements.	W-22	4M

15.	Write a C program to declare structure employee having data member name, age, designation and salary. Accept and display information of 1 employee	W-22	6M
16.	Write a program to accept ten numbers in an array. Sort array elements and display it.	S-22	4M

17.	Write a program to demonstrate using following
	    strcmp( ),
	    strcpy( ),
	    strlen( ),
	    strcat( ).
		S-22	6M

18.	Write a program to declare structure student having roll no, name & marks. Accept & display data for 3 students.	W-19	4M
19.	Write a program to read two strings and find whether they are equal or not.	W-19	4M
20.	Illustrate initialization of two dimensional array with example.	W-19	4M
21.	Write a program to compute the sum of all elements stored in an array using pointers.	W-19	6M
22.	Write a program to sort elements of an array in ascending order.	W-19	6M
23.	State difference between array and string.	S-19	2M
24.	Declare a structure student with element roll-no and name.	S-19	2M
25.	Differentiate between character array and integer array with respect to size and initialisation.	S-19	4M
26.	With suitable example, explain how two dimensional arrays can be created.	S-19	4M
27.	Explain any two string functions with example.	S-19	4M
28.	Write a program to accept 10 numbers in array and arrange them in ascending order.	S-19	4M
29.	Define Array. Write a program to accept ten numbers in array. Sort array element and display.	S-19	6M
30.	Define Array.	W-18	2M
31.	Write an algorithm to determine whether a given number is divisible by 5 or not.	W-18	4M
32.	Explain one dimension and two dimension arrays.	S-18	4M
33.	Explain following function with example. strlen( ) strcpy( )	S-18	4M
34.	Write a program to accept a string as input from user and determine its length. [Don't use built in library function strlen()]	W-18	4M
35.	Write a program to declare structure employee having data member name, age, street and city. Accept data for three employees and display it.	W-23 W- 18	6M
36.	Define : (i) Two dimensional array (ii) (ii) Multi-dimensional array	S-18	2M
37.	Develop a program to accept an integer number and print whether it is palindrome or not.	S-18	4M
38.	Develop a program using structure to print data of three students	S-18	4M

	having data members name, class, percentage.		
39.	Give a method to create, declare and initialize structure also develop a program to demonstrate nested structure.	S-18	6M

Thank You

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