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312303 - Programming In 'C' (Sem II)

As per MSBTE's K Scheme

CO / CM / IF / AI / AN / DS

Unit IV		Functions	Marks - 14	
S. N.	MSBTE Board Asked Questions	Exam Year	Marks	
1.	List the categories of user defined function.	W-23	2M	
2.	Develop a program to find the factorial of a number using recursion.	W-23 S- 22	4M	
3.	List any two string handling function	S-23	2M	
4.	Explain use of any two math function with example	S-23	4M	
5.	Explain call by value with example	S-23	4M	
6.	Write c program to generate Fibonacci series for given number using recursion	S-23	6M	
7.	Write a c program to find factorial of number using recursion	S-23	6M	
8.	State any two advantages of function.	W-22	2M	
9.	Describe how recursive function is used in calculating factorial of a number.	W-22	4M	
10.	Write a C program using function to find area of circle.	W-23 W-22	4M	
11.	Write a program to find factorial of a number using recursion.	W-22	6M	
12.	List the categories of functions and explain any one with example.	S-22 W-19	4M	
13.	Give any four differences between call by value and call by reference.	S- 22 W-19	4M	
14.	State the syntax & use of strlen () & strcat () function.	W-19	2M	
15.	Calculate factorial of a number using recursion.	W-19	6M	
16.	Distinguish between call by value and call by reference.	W-23 S- 19	2M	
17.	Write a program to reverse the number 1234 (i.e. 4321) using function.	S-19	4M	

18.	Write a program to perform addition, subtraction, multiplication and division of two integer number using function.	S-19	6M
19.	Explain recursion with suitable example. List any two advantages.	S-19	6M
20.	Explain User defined function with example.	S-18	4M
21.	Write a program to accept marks of four subjects as input from user. Calculate and display total and percentage marks of student.	S-18	4M
22.	Write a program to swap two numbers using call by value.	S-18	4M
23.	Write a program to Print values of variables and their addresses.	W-18	6M
24.	If the value of a number (N) is entered through keyboard. Write a program using recursion to calculate and display factorial of number (N).	W-18	6M
25.	State any four math functions with its use.	S-18	2M
26.	Explain following functions : getchar() putchar() getch() putch() with suitable examples.	S-18	4M
27.	Develop a program to find factorial of a number using recursion.	S-18	4M
28.	Develop a program to find diameter, circumference and area of circle using function.	S-18	6M

Thank You

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