Sanjay Ghodawat University, Kolhapur

2020-21

Established as State Private University under Govt. of Maharashtra. Act No XL, 2017

EXM/P/09/00

Year and Program: FYBCA	**School of Commerce and Management**	**Department: BCA**
Course Code: BCA 103	**Course Title: Problem Solving Using C**	**Semester : I**
Day and Date: Thursday,06.05.2021	**End Semester Examination**	**Time:2 Hrs. Max Marks:50**

Instructions: 1) All Questions are compulsory.

		Marks	Bloom's Level	CO
Q.1	**Answer the following (any Two)–**			
a)	What are basic data types available in C? Write the significance of each data type	8	L1	CO1
b)	Write a C program to find the biggest of three number	8	L3	CO1 CO3
c)	Write a C program to find the factorial of a number using do-while ,where the number n is entered by user.	8	L5	CO1 CO3
Q.2	**Answer the following (any two) –**			
a)	Define a recursion. Write a C recursive function for multiplying two integers where a function call is passed with two integers m and n	8	L3	CO1 CO3
b)	What is array? Explain the declaration and initialization of one dimensional and two dimensional array with an example	8	L1	CO1 CO3
c)	Define a string. Explain any 4 string library functions with syntax and example	8	L3	CO1
Q.3	**Answer the following (any two) –**			
a)	What is structure? Explain the C syntax of structure declaration with example	9	L1	CO1
b)	What is pointer? Explain how the pointer variable declared and initialized?	9	L2	CO1
c)	Write a C program to pass structure variable as function argument	9	L3	CO4

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