

code-20207

B.C.A. Semester-2 Examination

24 OCT 2018

Paper No. 205 Advanced C Programming

Time: 2 Hours 30 Minutes

Total Marks: 70

Q-1 [a]	What is Structure? How to define and Use of structure with example?	7
Q-1 [b]	Explain Array of structure with appropriate example?	7
Or		
Q-1 [a]	What is Union? How to define and Use of Union with example?	7
Q-1 [b]	Explain Array within structure with appropriate example?	7
Q-2 [a]	What is Pointer? How to Use of Pointer? Give the advantages and disadvantages of Pointer.	7
Q-2 [b]	Write a program to Enter any five number in array and perform using Pointer to calculate sum of five numbers and average of five Numbers.	7
Or		
Q-2 [a]	Explain Arithmetic Pointer and how many operators are used in Arithmetic Pointer? How to use this operator?	7
Q-2 [b]	Explain function returning the pointers. Give one Example.	7
Q-3 [a]	Difference Between link list and array.	7
Q-3 [b]	Writes following programs in single link list. 1. Create() 2. display()	7
Or		
Q-3 [a]	Explain malloc and calloc function with example	7
Q-3 [b]	Writes following programs in single link list. 1. Insert_Last () 2. Delete_Last()	7
Q-4 [a]	What is file? How to declare file pointer in c? and also Explain how to Open and close File in c with example?	7
Q-4 [b]	Write a program to write character data into file and display only vowel from file.	7
Or		
Q-4 [a]	Explain fprintf() and fscanf() with example.	7
Q-4 [b]	Explain fputs () and fgets () with example.	7
Q-5 [a]	What is pre-processor? Give the types and description of pre-Processor used in c.	7
Q-5 [b]	How many types of macros substitution directive? Explain with Example.	7
Or		
Q-5 [a]	Explain #include pre-processor with example.	7
Q-5 [b]	What is Bit-wise operator? How many types of bit-wise operator? Explain any two operators with example in detail.	7