

B.C.A. – SEM 2 Examination

OCT -2017

Subject Name:– Advanced C Programming

Paper No. 204 Subject Code: 20207

Marks: 70

Times: 2.5 hrs

Q – 1 Answer the following questions.

1. Explain Array of structure with example. 07
2. How to compare structure variable explain with example. 07

OR

Q – 1 Answer the following questions.

1. What is Structure? Explain concept of Define structure, local variable and Global variable. 07
2. What is union? How does differ from structure? 07

Q – 2 Answer the following questions.

1. What is pointer? Explain How to Declare and initialization of pointer with example. 07
2. Explain call by reference concept with example 07

OR

Q – 2 Answer the following questions.

1. Explain pointer arithmetic in detail 07
2. Explain how to use pointer to structure explain with example. 07

Q – 3 Answer the following questions.

1. What is dynamic memory allocation? Explain malloc() function with example. 07
2. Explain difference between array and link list. 07

OR

Q – 3 Answer the following questions.

1. What is linked list? Explain singly linked list with all its operations. 07
2. Explain singly circular link list. 07

Q – 4 Answer the following questions.

1. What is file management? How to create file explain with example. 07
2. Write a C Program to read and write character data to file. 07

OR

Q – 4 Answer the following questions.

1. Explain fseek(), and rewind() function with example. 07
2. Explain error handling concept during I/O operation in file. 07

Q – 5 Answer the following questions.

1. What is preprocessor? Explain conditional compilation with example 07
2. Explain Bitwise <<, >> operator with example. 07

OR

Q – 5 Answer the following questions.

1. Explain #undef and #pragma with example. 07
2. Explain Bitwise & and | operator with example. 07