

- Q-1(A) Define Flowchart and Algorithm. Explain with example. [07]
- Q-1(B) Write a note on types of programming language. [07]
- OR**
- Q-1 (A) What is Editor? Explain types of Translator. [07]
- Q-1 (B) Write a detail note on Data Types available in C language. [07]
- Q-2 (A) What is Decision making statement in C language? Explain If.. Else with example. [07]
- Q-2 (B) List out Operators available in C. Explain in detail. [07]
- OR**
- Q-2 (A) What is Loop? Explain Entry control and Exit Control Loop with example. [07]
- Q-2 (B) Write a note on switch case in detail with example. [07]
- Q-3 (A) What is Array? Explain 1 – D array with example. [07]
- Q-3 (B) What is sorting ? Explain Selection sort method with example. [07]
- OR**
- Q-3 (A) How can we declare and initialize 2 – D Array? Explain with example. [07]
- Q-3 (B) What is Searching techniques? Explain Binary Search method in detail. [07]
- Q-4 (A) How to declare and initialize string and character in C language? Explain with example. [07]
- Q-4 (B) Explain following function with syntax and example. [07]
(1) ceil() (2) sqrt() (3) pow() (4) exp()
- OR**
- Q-4 (A) Write a c program. [07]
A
B B
C C C
D D D D
E E E E E
- Q-4 (B) Explain following function with syntax and example. [07]
(1) strcpy() (2) strcmp() (3) strcat()
- Q-5 (A) What is Function? Explain with argument with return type function with example. [07]
- Q-5 (B) What are the elements of function explain with example. [07]
- OR**
- Q-5 (A) Write a note on Recursion. [07]
- Q-5 (B) List out the categories of function. Explain No argument No return type function with example. [07]