

2ND SEM / COMMON / 2023(S) NEW

Th-1 Computer Application

Full Marks: 80

Time- 3 Hrs

Answer any Five Questions including Q No.1 & 2
Figures in the right hand margin indicates marks

1. Answer **All** questions 2 x 10
 - a. Write down any four data types used in C Programming language.
 - b. Define Algorithm.
 - c. What is FTP?
 - d. Draw the flowchart symbol for I/O statement, start/stop and decision statement.
 - e. Define Protocol.
 - f. What do you mean by compiler?
 - g. Define ISAM.
 - h. What do you mean by recursion?
 - i. What are the logical operators used in 'C' Language?
 - j. Define Time Sharing Operating System.
2. Answer **Any Six** Questions 5 X 6
 - a. Distinguish between RAM and ROM.
 - b. What is Email? Write down its features.
 - c. Give comparison between 3rd and 4th generation of computer.
 - d. Explain the various networking devices.
 - e. Write down the difference between application software and system software.
 - f. Define network and explain various types of network.
 - g. Define Operating System. Explain the functions of operating system.
3. Define topology and describe the different types of topology used to form a network. 10
4. Draw and explain von Neumann architecture. 10
5. Draw a flowchart and write a program in C to find factorial of a given number N. 10
6. Write down the features of DOS, Windows and Unix? 10
7. Write short notes on any Two. 10
 - Data transmission mode
 - Array
 - Virus
 - Loops in C programming language.