

1ST SEM./ COMMON TO ALL /2023(W) 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 the function of CPU.
 - b. Differentiate between analog computer and digital computer
 - c. Define time sharing operating system.
 - d. What are the benefits of e-mail?
 - e. What is the difference between file and folder?
 - f. State the logical operators provided by 'C' Compiler.
 - g. Define flowchart.
 - h. What is an array?
 - i. Define Compiler.
 - j. State four major areas in which internet are used?

2. Answer **Any Six** Questions 6 x 5
 - a. Explain different components of computer with block diagram.
 - b. Differentiate between Application and System software.
 - c. Define operating system. Explain different types of operating system.
 - d. Draw a flowchart to find sum of 10 random numbers.
 - e. Define virus. What are the symptoms and prevention of virus attack?
 - f. Write a program to find factorial of a number.
 - g. Define network and explain different types of network.

- Answer Any Three Questions
- 3 Define memory hierarchy. Explain the main features of various types of memory present at different levels of this hierarchy. 10
- 4 What is file access? Explain various types of file access method. 10
- 5 Define topology. Describe various types of topology with diagram. 10
- 6 Draw a flowchart and write a C program to find out largest among Three numbers. 10
- 7 Write Short notes on (any two): 10
 - I. Generations of Computer
 - II. Loops in C language
 - III. Data transmission mode.