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   10
     types of memory present at different levels of this hierarchy.
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   10
     Three numbers.
7   Write Short notes on (any two):   10
   I.   Generations of Computer
   II.   Loops in C language
   III. Data transmission mode.