TH-1(b)-COMPUTER APPLICATION

Full Marks: 80   Time: 3 Hours

Answer any Five Questions including Q No. 1& 2

Figures in the right hand margin indicates marks

1	Answer all the questions in briefly :	2x10
	a) What is FTP?	
	b) What is computer virus?	
	c) What is flowchart?	
	d) Define OMR.	
	e) What is recursion function?	
	f) What are the basic data types available in C?	
	g) Write down the name of four input devices?	
	h) What is Internet?	
	i) What is ALU?	
	j) Differentiate between hardware & software?	
2.	Answer any five questions :	
	a) Describe the detection & prevention of computer virus.	6x5
	b) Differentiate between RAM & ROM.	
	c) Explain briefly the advantages & disadvantages of network topology.	
	d) What are the functions of operating system? Explain Briefly?	
	e) Draw a flowchart to find the greatest number among three numbers.	
	f) What is Looping? What are the types of looping available in C program? Explain with suitable example?	
	g) What is Network? What are the types of network? Explain the function of each network?	
3.	Write short notes on	
	i> LAN	10
	ii> Switch	
	iii> Data Capture	
	iv> Compiler	
	v> Router	
4.	Write a C program to calculate $x^1 + x^2 + \text{------------------} + x^n$	10
5.	What is file & What is Folder? Explain briefly the types of file access methods.	10
6.	What is computer memory? Briefly explain different types of computer memory. Differentiate SRAM & DRAM.	10
7.	What are the types of software? Explain batch processing operating system. What are the features of DOS & Unix?	10