1ST SEM ./COMMON TO ALL BRANCHES/ 2020(W) NEW

TH1-B   Computer Application

Full Marks: 80   Time- 3 Hrs

Answer any five Questions including Q No.1& 2

Figures in the right-hand margin indicate marks

1.		Answer **All** questions	2 x 10
	a.	Define pointer in C programming language.	
	b.	What is variable in C programming language?	
	c.	What is ALU	
	d.	What do you mean by non-impact printer?	
	e.	Define compiler.	
	f.	What do you understand about protocol? Give two examples of protocol	
	g.	Define URL with example?	
	h.	Compare between file and folder.	
	i.	Define GUI .	
	j.	Define NULL character constant and NULL statement in C programming language	
2.		Answer **Any Six** Questions	6 x 5
	a.	Compare between 3rd generation and 4th generation of computers	
	b.	Give a brief description on Email.	
	c.	Draw a flow chart to add all the natural numbers from 100 to 200.	
	d.	Write about different types of computer virus.	
	e.	Discuss about system software and application software	
	f.	Explain about different types of mode of data transmission based on direction of data flow.	
	g	Define looping? Write the details about three types of basic looping used in C programming language	
3		Draw a flow chart and write a program in C to add all digits of a given number.	10
4		Define file access? Write on various types of file access methods.	10
5		Write on memory hierarchy system?	10
6		Define topology? Explain various types of topology used to form a network.	10
7		Define Operating System? Write about various types of operating system used in computer	10