B.Sc. - I (C.B.C.S. Pattern) Sem-I USCST01 – Computer Science Paper – I (Information and Communication Technology)

P. Pages : 2 Time : Three Hours		ours	* 3 3 3 9 *			GUG/W/19/11546 Max. Marks : 50	
Notes		 All questions are carry Draw neat and labelle Avoid vague answers. 	y equal marks. d diagram whe	·			
	Eitl	ner:					
a)		-	gram of compu	ter with label. Explain	the storage unit,	5	
b)	Cor	overt the following:				5	
	i)	$(65)_{10} = (?)_2$					
	ii)	$(110011)_2 = (?)_{10}$		_			
			Ol	2			
c)	Define RADIX. Give RADIX of all the four Number systems with illustration.					5	
d)	Describe the role of CPU. Also differentiate between INPUT UNIT and OUTPUT UNIT.					5	
	Eitl	ner:					
a)	What is OMR? Give the benefits and drawbacks of OMR.					5	
b)	Dis	cuss on Projector in brief.				5	
			Ol	R			
c)	Wr	te a note on following term	s:			5	
	i)	LASER printer	ii)	Digital Camera			
d)	Des	scribe the VDU in detail.				5	
	Eitl	ner:					
a)	Exp	plain the following terms:				5	
	i)	Recycle Bin					
	ii)	Disk Cleanup					
	a) b) c) d) c) d)	e: Three H Notes: Eith a) Dra mer b) Cor i) ii) c) Def d) Des Eith a) Wh b) Disc c) Wri i) d) Des Eith a) Exp	Notes: 1. All questions are com 2. All questions are carry 3. Draw neat and labelle 4. Avoid vague answers. 5. Write answers relevant Either: a) Draw neat and clean block diagramemory unit and ALU. b) Convert the following: i) (65) ₁₀ = (?) ₂ ii) (110011) ₂ = (?) ₁₀ c) Define RADIX. Give RADIX of the diagram and the content of the cont	Notes: 1. All questions are compulsory. 2. All questions are carry equal marks. 3. Draw neat and labelled diagram whe 4. Avoid vague answers. 5. Write answers relevant and specific Either: a) Draw neat and clean block diagram of compumemory unit and ALU. b) Convert the following: i) (65) ₁₀ = (?) ₂ ii) (110011) ₂ = (?) ₁₀ OI c) Define RADIX. Give RADIX of all the four Idle Describe the role of CPU. Also differentiate be Either: a) What is OMR? Give the benefits and drawbard by Discuss on Projector in brief. OI c) Write a note on following terms: i) LASER printer ii) LASER printer iii) d) Describe the VDU in detail. Either: a) Explain the following terms: i) Recycle Bin	Notes: 1. All questions are compulsory. 2. All questions are carry equal marks. 3. Draw neat and labelled diagram wherever necessary. 4. Avoid vague answers. 5. Write answers relevant and specific to questions only. Either: a) Draw neat and clean block diagram of computer with label. Explain memory unit and ALU. b) Convert the following: i) (65) ₁₀ = (?) ₂ ii) (110011) ₂ = (?) ₁₀ OR c) Define RADIX. Give RADIX of all the four Number systems with i d) Describe the role of CPU. Also differentiate between INPUT UNIT: Either: a) What is OMR? Give the benefits and drawbacks of OMR. b) Discuss on Projector in brief. OR c) Write a note on following terms: i) LASER printer ii) Digital Camera d) Describe the VDU in detail. Either: a) Explain the following terms: i) Recycle Bin	Notes: 1. All questions are compulsory. 2. All questions are carry equal marks. 3. Draw neat and labelled diagram wherever necessary. 4. Avoid vague answers. 5. Write answers relevant and specific to questions only. Either: a) Draw neat and clean block diagram of computer with label. Explain the storage unit, memory unit and ALU. b) Convert the following: i) (65) ₁₀ = (?) ₂ ii) (110011) ₂ = (?) ₁₀ OR c) Define RADIX. Give RADIX of all the four Number systems with illustration. d) Describe the role of CPU. Also differentiate between INPUT UNIT and OUTPUT UNIT. Either: a) What is OMR? Give the benefits and drawbacks of OMR. b) Discuss on Projector in brief. OR c) Write a note on following terms: i) LASER printer ii) Digital Camera d) Describe the VDU in detail. Either: a) Explain the following terms: i) Recycle Bin	

	b)	Discuss Administrative Tools in detail.	5	
		OR		
	c)	Describe classification of operating system.	5	
	d)	Write a note on following terms:	5	
		i) Calculator		
		ii) Paint		
4.		Either:		
	a)	Describe the social and ethical issues related with Internet?	5	
	b)	Discuss on different services provided by Internet.	5	
		OR		
	c)	Explain about E – Learning in the age of IT.	5	
	d)	Differentiate Freeware and Shareware Software.		
5.		Solve all questions:		
		a) List all the characteristics of Computer.	21/2	
		b) What is Blue Ray Disk?	21/2	
		c) What does acronym GUI stands for? Write down its feature.	21/2	
		d) What is Topology?	21/2	
