UBITT105.2 - Elective-II : Paper - V : Hardware Interfacing

P. Pages : 1

Time : Three Hours

3049

Max. Marks : 80

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Notes : 1. All questions are compulsory and carry equal marks.
2. Draw neat and well labelled diagram whenever necessary.
3. Avoid vague answers and write specific answers related to questions.

1.	a)	Explain in detail about 8087 Co-Processor.	**8**
	b)	Explain USB architecture in detail.	**8**

OR

	c)	Explain interfacing and dynamic RAM in detail.	**8**
	d)	What is AGP? Discuss Accelerated graphic part (AGP) in detail.	**8**
2.	a)	What is data communication? Explain the Asynchronous serial data communication intel 8051.	**8**
	b)	Explain the following terms :	**8**
		i) Rs-232 ii) Rs-499	

OR

	c)	Explain the architecture of intel 8251 interfacing peripheral device with suitable block diagram.	**8**
	d)	Explain serial data transmission methods in detail.	**8**
3.	a)	What is terminals? Distinguish between CRT terminals and graphic terminals.	**8**
	b)	Explain the following terms. i) MGA display cards. ii) CGA display cards.	**8**

OR

	c)	Explain disk organization in detail.	**8**
	d)	What is speech synthesis? Explain speech recognition with a computer.	**8**
4.	a)	Explain the features of motherboard Blos in detail.	**8**
	b)	What is CMOS? Explain configuring the standard CMOS setup.	**8**

OR

	c)	What is Disk control? Explain in detail.	**8**
	d)	What is multi serial I/o card? Explain Telex card in detail.	**8**
5.		Solve All the question	
	a)	Write a short note on peripheral components interconnect (PCI)	**4**
	b)	Explain data transmission standard in short.	**4**
	c)	Explain the working of floppy disk.	**4**
	d)	Explain FAX card in detail.	**4**

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