

Branch: Information Technology

SUBJECT: CAO
TIME: 2.30 hrs.

SUBJECT CODE: 5IT03
MAX MARKS: 70

SEMESTER: Vth
DATE: 22/10/12

Q. No.		MARKS
Q.1 .A	Explain the basic I/O operations of modern processors.	6
B	Explain various addressing modes found in modern processors.	7
OR		
Q.2. A	What are stack and queues? Explain its use and give its differences.	6
B	Describe detail about instruction and instruction sequencing.	7
Q.3 .A	Give the organization of typical hardwired control unit and explain the Functions performed by the various blocks.	7
B	Explain in detail about instruction execution characteristics.	6
OR		
Q.4 A	Explain the execution of an instruction with diagram.	7
B	With a neat block diagram, explain in detail about micro programmed control unit and Explain its operations.	6
Q.5.A	Discuss the DMA driven data transfer technique.	7
B	Describe the functions of SCSI with a neat diagram.	7
OR		
Q.6.A	What is the importance of I/O interface? Compare the features of SCSI and PCI Interfaces.	7
B	Explain the functions to be performed by a typical I/O interface with a typical input output interface	7