

MODULE III

Topic	Question	mark	Month & Year	Regulation
Communication methods Intra and inter system communication, Bus, features, arbitration	Explain the single shared bus architecture of computer communication	5	Dec 10	2004
	Explain bus arbitration using independent requesting	5	Dec 10	2004
	Explain briefly about Bus arbitration	5	Jun 08	2004
	With timing diagram explain the synchronous data transfer	5	Jun 11	2004
	What is a computer network? State any two of its advantages	2	Jun 11	2009
	With timing diagram explain the synchronous data transfer	5	Jun 11	2009
	Explain the following interconnection structures and compare them in terms of number of edges; maximum node degree and maximum inter node distance. i) Linear ii) Mesh iii) Ring iv) Star v) Hypercube	10	Jun 11	2009
IO & system control Programmed IO, DMA & Interrupt, IOP	Briefly explain the four methods of control organization	5	Apr 12	2009
	Explain the function to be performed by I/O interface	10	Apr 13	2009
	Write brief notes on i) I/O channels ii) Interrupts	15	Dec 07	2004
	Explain programmed IO	5	Jun 08	2004
	Explain the following i) Programmed I/O ii) vectored Interrupts iii) Maskable and Non Maskable interrupts	15	Dec 08	2004
	Explain the principle of multilevel interrupt system	15	Jun 08	2004
	Explain DMA data transfer	5 5	Dec 07 Dec 08	2004 2004
	Explain with a block diagram the DMA method of IO control	15	Dec 10	2004
	Discuss in detail about the Direct Memory Access (DMA) and interrupts	10	Jun 11	2009
	Why does DMA have priority over the CPU when both request a memory transfer	2	Apr 13	2009
	With neat diagram explain how DMA transfer is accomplished	10 15	Apr 13 Dec 08	2009 2004
	Explain the organization IO processors	15	Dec 10	2004
Parallel processing Multiprocessors and shared bus system	Explain parallel processing	5	Apr 12	2009
	Briefly explain the different types of parallel processors	15 15	Dec 07 Jun 08	2004 2004
	Explain shared bus system	5 5	Apr 13 Apr 12	2009 2009
	Explain the four broad groups of computers given by Flynn's classification	5	Jun 11	2009