

UNIT-V

S.No	Questions	BT	CO	PO
Part – A (Short Answer Questions)				
1	Explain the basic components of an Input-Output Interface .	L1	CO5	PO1
2	What is asynchronous data transfer ? Explain its need.	L1	CO5	PO2
3	Explain different modes of data transfer .	L1	CO5	PO1
4	What is a priority interrupt ? Explain its purpose.	L1	CO5	PO1
5	Explain Direct Memory Access (DMA) .	L1	CO5	PO1
6	Explain the memory hierarchy of a computer system.	L1	CO5	PO1
7	Explain the organization of main memory .	L1	CO5	PO1
8	Explain auxiliary memory and its characteristics.	L1	CO5	PO2
9	What is associative memory ? Explain its operation.	L1	CO5	PO2
10	Explain cache memory and its importance.	L1	CO5	PO1
Part – B (Long Answer Questions)				
11	Explain the Input-Output Interface with a suitable block diagram.	L2	CO5	PO2
12	Explain asynchronous data transfer and its different methods.	L3	CO5	PO3
13	Explain different modes of data transfer in detail.	L2	CO5	PO2
14	Explain priority interrupt and different techniques for handling interrupts.	L2	CO5	PO3
15	Explain Direct Memory Access (DMA) with a suitable block diagram and operation.	L3	CO5	PO3
16	Explain the memory hierarchy with a neat diagram and discuss the characteristics of each level.	L2	CO5	PO2
17	Explain the organization and operation of main memory and auxiliary memory .	L3	CO5	PO3
18	Explain associative memory with its organization and operation.	L3	CO5	PO3
19	Explain cache memory , its organization and mapping techniques.	L2	CO5	PO2
20	Explain the complete Input-Output and Memory Organization of a computer system, including I/O interface, DMA, memory hierarchy, associative memory and cache memory.	L2	CO5	PO2

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16. Old Question Papers:

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