

UNIT-I

S.No	Questions	BT	CO
Part–A			
(Short Answer Questions)			
1	What are the types of System calls?	L1	CO1
2	What are the advantage and disadvantage of multiprocessor system?	L1	CO1
3	What are the advantages of layered structure over monolithic structure?	L1	CO1
4	What is Process?	L1	CO1
5	What are threads and its types?	L1	CO1
6	What is the OS features required for multiprogramming	L1	CO1
7	What are advantages of distributed System?	L1	CO1
8	What are the advantages of layered structure over monolithic structure?	L1	CO1
Part–B (Long Answer Questions)			
9	a)	Define operating system and list the basic services provided by operating system.	CO1
	b)	Differentiate among the following types of OS by defining their essential properties • Time sharing system • Parallel system • Distributed system • Real time system • Distributed	CO1
10	a)	Explain the essential properties of • Batch System • Time sharing • Real time • Parallel	CO1
	b)	Explain different types of OS Components.	CO1
11	a)	Explain batch system and Multi programmed System in detail.	CO1
	b)	Explain the terms: (i)Real time System (ii)Distributed Systems	CO1

12	a)	Explain the terms: (i) Parallel System (ii) Batch System	L2	CO1
	b)	Explain OS as extended machine in detail	L2	CO1
13	a)	Explain OS System Calls.	L2	CO2
	b)	Explain essential features of following structure of O.S • Monolithic System • Layered Systems • Micro Kernels • Client Server Model • Virtual Machines • Exo kernels	L2	CO2
14	a)	Define process and Explain process states in details with diagram	L2	CO2
	b)	Explain process states and process control block in details	L2	CO2
15	a)	Explain and differentiate between user level and kernel level thread.	L2	CO2
	b)	Explain Threads in detail? List the main difference and similarities between threads and process	L2	CO2