505
[5]
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[2]
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Contd...2

14. a)	Consider a disk queue with I/O requests for the blocks on cylinders: 95, 181, 39, 123, 12, 124, 65, 68 and the disk head is initially at 57. Compute the total number of head movement according to SSTF and C-Look disk scheduling algorithm.	[6]
b)	What are the different principles that can be employed to improve the efficiency of I/O?	[4]
15. a)	What is an access matrix? Describe the methods of implementing access matrix.	[6]
	List and discuss about the levels of security measures to be taken up to protect a system.	[4]
16. a)	Explain about Interprocess Communication techniques.	[5]
b)	Describe the solution for Dining-Philosopher problem using monitors.	[5]
17. W	rite short notes on any two of the following:	
a)	Page frame allocation policies	[5]
b)	RAID	[5]
c)	Denial of Service attacks.	[5]
