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Printed Pages – 3				121
				Or
				Explain the following terms:
				(i) Bootstrap program
	W	¥		(ii) Symetric multiprocessing
	w.	VW.		(iii) Scheduler
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B. C. A. (Second Semester) Examination, June 2014	bjects	bjects	2.	What is PCB? Enumerate and explain various fields in
	00.6	.co		PCB. What is semaphore?
(Course: 2012-13 / 2010-11)	3	3		Or
(For Regular / ATKT / Ex-Students)				What do you understand by deadlock recovery? Explain
				how resource-allocation graph is used to describe dead
OPERATING SYSTEMS	¥	W		locks?
Time Allowed : Three hours	www.a2zsubjects	www.a2zsubjects	3.	What do you understand by logical and physical address
	2zs	2zs		space? Differentiate between internal and external
Maximum Marks: 50	u bj	щb		fragmentation. How are they overcome?
Note a Attempt all Gue avertions all avertions communicated	ect	ect		Or
Note: Attempt all five questions. All questions carry equal marks. All symbols have their usual meaning.	s.com	s.com		What do you understand by paging and segmentation?
	B	B		Explain in detail.
1. Explain the term : Wating time, Turnaround time, Response				
time and Throughinput. What is time slice?			4.	For a given reference strings: 1, 2, 3, 4, 1, 2, 5, 1, 2, 3,
				4, 5. Using LRU algorithm of page replacement. Compute
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number of page faults for number of frame = 3 and number of frame = 4.

Or

What do you understand by Virtual Memory? Explain demand paging in detail.

 What is File? Describe the different access methods on file.

Or

Explain contiguous, linked and indexed methods of allocating disk space.

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