Information Flag question	The theory part of this exam uses free navigation when presenting the questions.
Information Flag question	SECTION 1. True or False questions (2 points each)
Question 1 Complete Mark 2.00 out of 2.00 Flag question	The best-fit placement algorithm (dynamic partitioning), chooses the block that is closest in size to the request. Select one: True False The correct answer is 'True'.
Question 2 Complete Mark 2.00 out of 2.00 Flag question	On a fixed partitioning memory system, the number of processes in main memory can be greater than the number of partitions. Select one: True False The correct answer is 'False'.
Question 3 Complete Mark 2.00 out of 2.00 Flag question	The Translation Lookaside Buffer (TLB) is used to overcome the effect of doubling the memory access time. Select one: True False The correct answer is 'True'.
Question 4 Complete Mark 2.00 out of 2.00 Remove flag	The rate monotonic scheduling algorithm selects the tasks with the highest rate. Select one: True False
Question 5 Complete Mark 2.00 out of 2.00 Flag question	The correct answer is 'True'. A block-oriented device transfers data in and out as a stream of bytes Select one: True False
Question 6 Complete Mark 2.00 out of 2.00 Remove flag	The correct answer is 'False'. A bit table (disk free space management) uses one bit for each block on the disk. Select one: True False
Information ▼ Flag question	SECTION 2. Simple choice questions (3 points each)
Question 7 Complete Mark 3.00 out of 3.00 Flag question	Given a system using dynamic partitioning as a memory management technique, select the free partition that is chosen by the best-fit placement algorithm for a memory request of 16 MB. Select one: a. Free Partition Size = 15.9 MB b. Free Partition Size = 18 MB c. Free Partition Size = 15 MB d. Free Partition Size = 19 MB
Question 8 Complete Mark 3.00 out of 3.00 Flag question	The resident set management combination where the page to be replaced is chosen from all available frames in main memory is: Select one: a. Fixed Allocation - Local Replacement b. Variable Allocation - Local Replacement c. Fixed Allocation - Global Replacement d. Variable Allocation - Global Replacement
Question 9 Complete Mark 0.00 out of 3.00 Flag question	In the two-handed clock page replacement algorithm (UNIX SVR4), if the front-hand finds a page with the reference bit equal to zero, then: Select one: a. The reference bit remains unchanged b. The frame is locked c. The page gets replaced d. The reference bit is set to 1
Question 10 Complete Mark 3.00 out of 3.00 Flag question	The correct answer is: The reference bit remains unchanged Select the approach to thread scheduling that carries over most directly from a uniprocessor environment Select one: a. Gang scheduling b. Load sharing c. Dynamic scheduling d. Dedicated processor assignment
Question 11 Complete Mark 3.00 out of 3.00 Flag question	The correct answer is: Load sharing Select the block-oriented device: Select one: a. Printer b. Disk c. Communications Port d. None of the above
Question 12 Complete Mark 3.00 out of 3.00 Flag question	Assuming that the disk head is located at track 100, select next track chosen by the shortest service time first (SSTF) algorithm Select one: a. 160 b. 90 c. 115 d. 10
The correct answer is: 90 Finish review Deadlock Question Jump to Algorithms' Part (70 points) ►	

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