

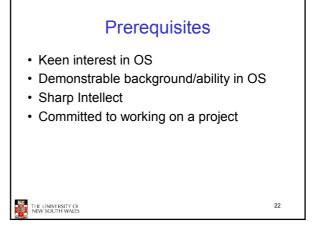


Does the following Interest you? Gaining in-depth experience in OS research Working on a very challenging projects Collaborating closely with active researchers Getting a high thesis mark International travel

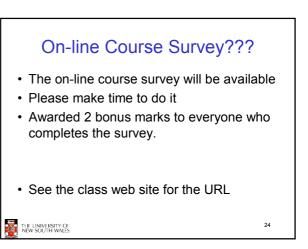
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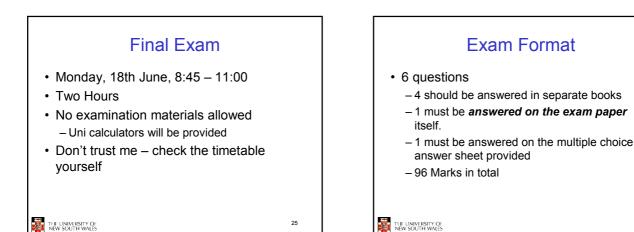
Fame and fortune

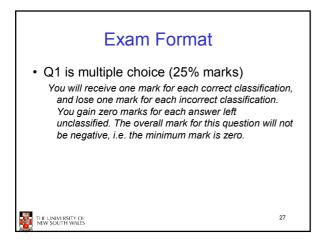
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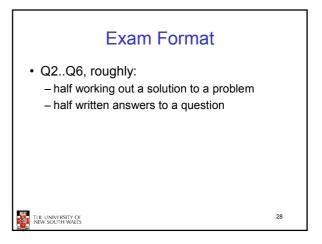


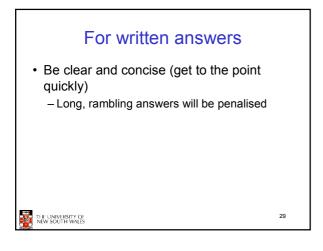


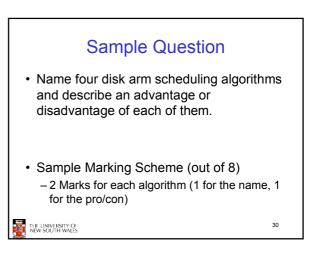


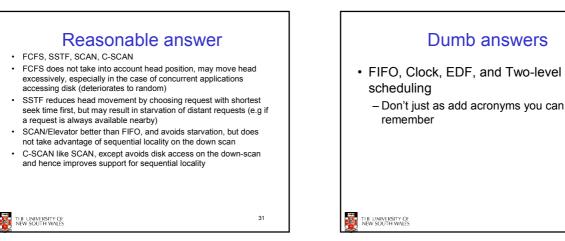












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Answer the question!!! Don't repeat the question, we set the exam, we know what it is!!! Don't just write what you know (or don't know) about the topic area You make us have to search for the real answer. You may be correct, but say a lot of unrelated incorrect stuff. Don't contradict yourself X is better/faster/more efficient than Y, and later Y is better than X Marks are awarded for stating WHY an answer is correct. Demonstrates understanding

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Exam Content
For structure and style, look at the sample exam from past years.
For content, the tutorial questions are a reasonable *guide*.

Dumb answers

than others. One algorithm include first-come first served. It moves the arm to the location on disk in the order the

Sometimes requests will be to inside of disk and outside

starvation if we spend to much time searching list and no

of disk and arm will move far making disk slow. Moving

SSTF is where disk scheduler chooses block that is closest to disk head and goes there. It is better as is does not move the arm a long way, but has overheads too but not as many as FCFS. It is slow because we must search list of disk requests find the closest one. May cause CPU

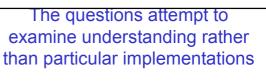
Disk arm scheduling algorithms are used to move the head backward and forward on the disk. We can use many different algorithms to decide and some are better

request arrive in, it is bad cause it has overheads.

the disk arm is bad.

other programs can run

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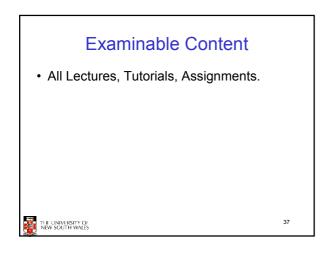


Don't expect

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- "Describe OS/161's exception handling on a timer interrupt"
- But you may get
 - "Describe (in general) a feasible sequence of steps that occur in response to a timer interrupt that results in the current process being pre-empted and a new task running"





Consultations	
• To be announced	
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