

# CS-721 Final Practical

\* Required

## Questions

for long term scheduling scheme, the following algorithm is used \*

- ☐ shortest job first
- ☒ first come first serve
- ☐ priority scheduling
- ☐ round robin scheduling

average waiting time of the following algorithm is quite long. \*

- ☐ shortest job first
- ☒ first come first serve
- ☐ priority scheduling

based on the application, the shortest Remaining Time First can also be called \_\_\_\_ \*

- ☐ round robin
- ☒ preemptive SJF
- ☐ priority scheduling
- ☐ first come first served



the shortest job first algorithm is \*

- ☐ preemptive only
- ☒ non-preemptive only
- ☐ either preemptive or non-preemptive
- ☐ none of the mentioned

Multiple-level queues is a non-preemptive algorithm. \*

- ☒ True
- ☐ False

Processor Manager determine job priorities not based on the following factor. \*

- ☐ Memory requirements
- ☐ Number and type of peripheral devices
- ☐ Total CPU time.
- ☒ CPU clock speed

The policy of aging does not guards a job against\_\_\_\_\_ \*

- ☐ indefinite postponement
- ☐ starvation
- ☐ no. of preemption attempts for that job
- ☒ none of the mentioned



The Round Robin algorithm can also be used in batch processing system. \*

- ☒ True
- ☐ False

following is a non-preemptive algorithm \*

- ☐ shortest job first
- ☒ first come first serve
- ☐ priority scheduling
- ☐ round robin

If two or more jobs with equal priority are present in the READY queue, the processor is allocated \*

- ☒ to the one that arrived first
- ☐ to the one that arrived last
- ☐ to the one that is waiting since long
- ☐ randomly

Page 2 of 2

[Back](#)

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