OPERATING SYSTEM BASED COMPUTER MCQ PRACTICE QUESTIONS AND ANSWERS PDF WITH EXPLANATION

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Created By Careericons Team

Q1. Execution time

a) where the process will reside in memory, then absolute code can be generated

b) where the process will reside in memory, then the compiler must generate relocatable code

c) if the process can be moved during its execution from one memory segment to another

d) all of the above

Q2. The strategy of allowing process that are logically run able to be temporarily suspended is called

a) preemptive scheduling

b) non preemptive scheduling

c) shortest job first
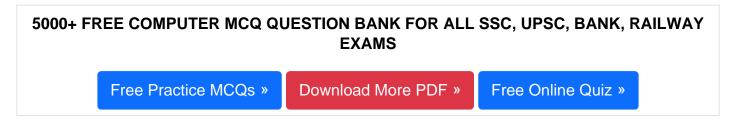
d) first come first served

Q3. If normalized turnaround time of different process are given. Then Highest response ratio next policy in uniprocessor scheduling policy selects.

a) The ready process with lowest normalized turnaround time.

b) The ready process with highest normalized turnaround time.

c) The process with shortest expected processing time.

d) The process with highest expected processing time.

Q4. In bit table used for Free space management in secondary storage

a) Bit zero corresponds to free block

b) Bit one corresponds to free block

c) Bit zero corresponds to block in use

d) None of these

Q5. A Absolute loading B Re-locatable loading C Dynamic Run-Time loading; 1. For loader, load module, either is an absolute main memory address or specific address reference. 2. For loader, load modules have no absolute address. 3. For loader, load modules have all memory reference in relative form.

a) A - 1, B - 2, C - 3

b) A - 2, B - 3 , C - 1

c) A - 1, B - 3, C - 2

d) A - 3, B - 2, C - 1

Q6. Scheduling is

a) allowing job to use the processor

b) making proper use of processor

c) Both A and B

d) None of these

Q7. A partitioned data set is most used for

a) storing program data

b) storing ISAM files

c) a program or source library

d) storing backup information

Q8. In First-In-First-out (FIFO) replacement policy used in memory management, the page frames to allocated to a process as circular buffer and

a) The most recent page is removed at first

b) The most recent page is removed at the last

c) The most recent page is removed any time

d) None of these

Q9. The following

a) Start? Fetch next instruction? Execute Instruction ? Halt, represents

b) Instruction cycle with interrupt

c) Instruction cycle without interrupt

d) Instruction cycle with two interrupts (E) None of these.

Q10. In soft real time tasks

a) The dead line is always mandatory.

b) The dead line is desirable but not mandatory.

c) The results are independent of the time, when it took place.

d) None of these.

Q11. Allocate the first hole that is big enough is called

a) first fit

b) best fit

c) worst fit

d) all of the above

Q12.

A-Fixed-Head disk,
B-Movable-Head disk,

1- One head per track and al head are mounted on a rigid arm that extends across all tracks.
2- Only one head and the head is mounted on the arm, such that it can position the track.

a) A - 1, B - 2

b) A - 2, B - 1

c) A - 1, B - 1

d) A - 2, B - 2

Q13. In three-tier client/server architecture application software match the following:

A-User machine, 1-Client,
B- Middle-tier, 2- Application server,
C- Backend server, 3 Data servers.

a) A - 1, B - 2, C - 3

b) A - 1, B - 3, C - 2

c) A - 2, B - 1, C - 3

d) A - 3, B - 2, C - 1

Q14. Match the following for file system architecture:

A-Basic file system,
B-Logical I/O module,
1- Deals with blocks of data,
2- Deals with file records,
3- Provides general purpose record I/O capacity.

a) A - 1, B - 2, 3

b) A - 1, 2, B - 3

c) A - 2, 3, B - 1

d) A - 1, 3, B - 2

Q15. Physical address (absolute address) in memory partitioning is

a) Actual location in main memory

b) A reference to memory location independent of current assignment

c) A logical address

d) None of these.

Answers to the above questions :

Q1. Answer: (c)

Q2. Answer: (a)

Q3. Answer: (b)

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Q4. Answer: (a)

Q5. Answer: (a)

Q6. Answer: (c)

Q7. Answer: (c)

Q8. Answer: (b)

Q9. Answer: (c)

Q10. Answer: (b)

Q11. Answer: (a)

Q12. Answer: (a)

Q13. Answer: (a)

Q14. Answer: (a)

Q15. Answer: (a)

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