

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

For All Competitive SSC, Bank, IBPS, UPSC, Railway, IT & Other Govt. Exams

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Q1.

Statement A:

In memory management, the replacement policy deals with the selection of pages in memory to be replaced by an arrived new page.

Statement B:

In memory management, the policy the fetch policy determines when a page should be bought into main memory.

- a) A and B both false
 - b) A and B both true
 - c) A is true, B is false
 - d) A is false, B is true
-

Q2. Which structure prohibits the sharing of files and directories

- a) tree structure
 - b) one level structure
 - c) two level structure
 - d) none of these
-

Q3. Moving process from main memory to disk is called

- a) Scheduling
 - b) Cache
 - c) Swapping
 - d) Spooling
-

Q4. Following illustrates Associative Memory

- a) The address of the data is supplied by the user
- b) Same as the tracks associated with disk memory
- c) No need for address; information is used as address
- d) Data is accessed serially

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Q5. If normalized turnaround time of different process are given. Then Highest response ratio next policy in uni processor 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.

Q6. The time table of railway, and airline which defines arrival and departure can be considered as

- a) Hard real time scheduling
- b) Soft real time scheduling
- c) None real time scheduling.
- d) None of these.

Q7. In uni-processor scheduling, shortest remaining time policy is

- a) A policy where scheduler chooses the process that has the shortest expected remaining processing time.
- b) A policy where scheduler discards the process that has the shortest expected remaining process time.
- c) A policy where process with shortest expected processing time is selected next.

d) None of these.

Q8. The C-SCAN, in disk scheduling states

- a) The arm movement is uni directional
 - b) The arm movement is bidirectional
 - c) The are is to be state fixed
 - d) None of these.
-

Q9. Fragmentation of the file system

- a) occurs only if the file system is used improperly
 - b) can always be prevented
 - c) can be temporarily removed by compaction
 - d) is the characteristic of all files system
-

Q10. Thread is

- a) Dispatch able unit of work
 - b) Can be interrupted
 - c) A and B both true
 - d) A and B both false.
-

Q11. CD defines

- a) Computer device
 - b) Computer disk
 - c) Compact disk
 - d) None of these
-

Q12. In disk storage devices during read and write operation

- a) Head is rotate while platter is stationary
- b) Head is stationary while platter rotates
- c) Head and platter are both stationary
- d) None is true

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Q13. In file management, in the following record blocking method, the optional use of space is made, without unused space left

- a) Fixed blocking
- b) Variable-length spanned blocking
- c) Variable-length un-spanned blocking
- d) None of these.

Q14. In File system architecture which is the correct arrangement from lower level to higher.

- a) Device drives, basic file system, basic I/ O supervisor, logical I/O.
- b) Basic file system, basic I/O, logical I/O, device drives.
- c) Basic I/O, basic file system, logical I/O, device drives.
- d) None of these.

Q15. The RAID (Redundant Array of Independent Disks) level one requires

- a) Same disk space of the logical disk that it support.
- b) Twice disk space of the logical disk that it support.
- c) Thrice disk space of the logical disk that it support.
- d) Half disk space of the logical disk that it support.

Answers to the above questions :

Q1. Answer: (b)

Q2. Answer: (d)

Q3. Answer: (c)

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Q4. Answer: (c)

Q5. Answer: (b)

Q6. Answer: (a)

Q7. Answer: (a)

Q8. Answer: (c)

Q9. Answer: (c)

Q10. Answer: (c)

Q11. Answer: (c)

Q12. Answer: (b)

Q13. Answer: (b)

Q14. Answer: (a)

Q15. Answer: (b)

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