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

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Q1. The correct matching for the following pairs is -

(A) Disk scheduling	(1) Round-robin
(B) Batch processing	(2) SCAN
(C) Time sharing	(3) LIFO
(D) Interrupt processing	(4) FIFO

- a) A-2, B-4, C-1, D-3
- b) A-1, B-2, C-3, D-4
- c) A-2, B-1, C-4, D-3
- d) None of these

Q2. Match the following in RAID scheme:

A-Parallel access array,

B-Independent access array,

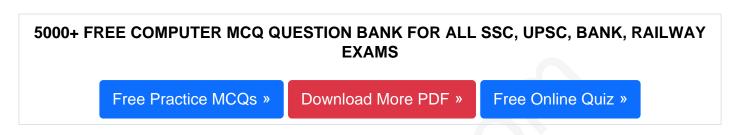
- 1- All member disks participate in the execution of every I/O request.
- 2- Each member disk participates separately in the execution of every I/O request.
- 3- Here spindles of the individual drives are synchronized so that each disk head is in the same position on each disk at any given time.
- a) A 1, 3 and B 2
- b) A 1, and B 2, 3
- c) A 2 and B 1, 3
- d) A 1, 2 and B 3

Q3. In cluster

- a) Computers communicate with each others via fixed paths or via some network facilities
- b) Computer communicates with each others via a shared memory.

- c) Both (A) and (B)
 d) None of these.

 Q4. The RAID scheme indicate
 - a) Random access of information data.
 - b) Random array of independent disks.
 - c) Redundant array of independent disks.
 - d) Redundant access of information data.



- **Q5.** With a segmentation, if there are 64 segments, and the maximum segment size is 512 words, the length of the logical address in bits is
- a) 12
- b) 14
- c) 15
- d) 16

Q6. Address Binding is defined as

- a) Compiler will typically bind these symbolic addresses to relocatable addresses
- b) Each binding is a mapping from one address space to another
- c) The linkage editor or loader win in turn bind these relocatable addresses to absolute addresses
- d) All of the above
- Q7. In file management, users and applications access records via

- a) Physical I/O
- b) Basic I/O supervisor
- c) Logical I/O
- d) None of these.

Q8. Which of the following is not human readable I/O device?

- a) Video display terminals
- b) Key board
- c) Printers
- d) Disk drives

Q9. In multiprocessor scheduling;

A: Coarse gained parallelism	1- Concurrent processes running on a multi-programmed uniprocessor
B: Medium grained parallelism	2 Parallel processing or multi-tasking is done within a single application
C: Fine-grained parallelism	3-Parallel processing is done within a single instruction stream

- a) A 1, B 2, C 3
- b) A 2, B 3, C 1
- c) A 3, B 2, C 1
- d) A 1, B 3, C 2

Q10. In memory management:

A- Fetch Policy	1- It determines when a modified page should be written out to secondary memory
B Cleaning Policy	2- It determines when a page should be bought into main memory
C- Placement Policy	3- It determines where in real memory a process piece is to reside

- a) A 1, B 2, C 3
- b) A 2, B 3, C 1
- c) A 2, B 1, C 3
- d) A 3, B 1, C 2

Q11. In disk storage devices the width of head is:

- a) Same of the track
- b) More than of the track
- c) Less than of the track
- d) None is true.

Q12. Match the following I/O devices: A- Keyboard, 1- Human readable, B- Disk and tape drives, 2- Communication, C- Modems, 3-Machine readable

- a) A 1, B 3, C 2
- b) A 1, B 2, C 3
- c) A 3, B 2, C 1
- d) A 2, B 1, C 3

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Q13. Multiprocessing models have

- a) symmetric multiprocessing model
- b) asymmetric multiprocessing model
- c) both (A) and (B) above
- d) None of these

Q14. Which of the following is an example of a spooled device?			
a) A line printer used to print the output of a number of jobsb) A terminal used to enter input data to a running programc) A secondary storage device in a virtual memory system			
			d) A graphic display device
			Q15. Which of the following is not an address register?
a) Index register			
b) Segment pointer			
c) Stack pointer			
d) Data register.			
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Answers to the above questions :			
Q1. Answer: (a)			
Q2. Answer: (a)			
Q3. Answer: (a)			
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DATA MINING AND DATA WARE HOUSE ELECTRONICS DATA PROCESSING
Q4. Answer: (d)
Q5. Answer: (c)
Q6. Answer: (d)
Q7. Answer: (c)
Q8. Answer: (d)
Q9. Answer: (a)
Q10. Answer: (c)

Q11. Answer: (a)	
Q12. Answer: (a)	
Q13. Answer: (c)	
Q14. Answer: (a)	
Q15. Answer: (d)	

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