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QuestionID : 11056 Subject Name Operating Syatems
Concepts

Q1. The cpu utilization is low when the system is

1. executing
2. thrasing
3. waiting
4. all of the above

Correct Answer : 2

Your Answer :

QuestionID : 11063 Subject Name Operating Syatems
Concepts

Q2. Tape is magnetic device.

Correct Answer : T

Your Answer :

QuestionID : 11071 Subject Name Operating Syatems
Concepts

Q3. ----- scheduler selects the process that is ready to execute to CPU.

1. long-term scheduler
2. short-term scheduler
3. medium-term scheduler
4. None of these

Correct Answer : 2

Your Answer :

QuestionID : 11079 Subject Name Operating Syatems
Concepts

Q4. Mutex is Mutual Exclution semaphore.

Correct Answer : T

Your Answer :

QuestionID : 11082 Subject Name Operating Syatems
Concepts

Q5. paging allows protection

Correct Answer : F

Your Answer :

QuestionID : 11085 Subject Name Operating Syatems
Concepts

Q6. Ready Queue in CPU scheduling is always in FIFO order

Correct Answer : T

Your Answer :

QuestionID : 11093 Subject Name Operating Syatems
Concepts

Q7. SPOOLING stands for simultaneous peripheral operation online.

Correct Answer : T

Your Answer :

QuestionID : 11095 Subject Name Operating Syatems
Concepts

Q8. Page fault rate is a relation between number of page faults & number of the page frames allocated to the process.

Correct Answer : T

Your Answer :

QuestionID : 11100 Subject Name Operating Syatems
Concepts

Q9. Distributed systems should

1. meet prescribed time constraints

2. aim better resource sharing
3. aim better system utilization
4. aim low system overload

Correct Answer : 2

Your Answer :

QuestionID : 11107 Subject Name Operating Syatems
Concepts

Q10. _____ is a significant factor in maintaining fragmentation within usable limits

1. External Fragmentation
2. Paging
3. Coalescing of holes
4. Both 2 and 3

Correct Answer : 4

Your Answer :

QuestionID : 11111 Subject Name Operating Syatems
Concepts

Q11. Time elapsed for position of Read / Write head under the desired sector is called?

1. Seek Time
2. Latency Time
3. Turnaround Time
4. None of above

Correct Answer : 2

Your Answer :

QuestionID : 11112 Subject Name Operating Syatems
Concepts

Q12. When fork() is given-

1. it creates a child process
2. allocates slot in process table
3. returns 0 to parent & ID to child
4. All of the above.

Correct Answer : 1

Your Answer :

QuestionID : 11120 Subject Name Operating Syatems
Concepts

Q13. The main function of shared memeory is to

1. use primary memory efficiently
2. do intra process communication
3. do inter process communication
4. non of the above

Correct Answer : 3

Your Answer :

QuestionID : 11123 Subject Name Operating Syatems
Concepts

Q14. The point when thre processor is spending most of its time swapping pages is known as_

1. segmentation
2. thrashing
3. bootstraping
4. process loading

Correct Answer : 2

Your Answer :

QuestionID : 11125 Subject Name Operating Syatems
Concepts

Q15. _____ is an example of sharable resource and _____ is an example of non Sharable resouece.

1. Memory,Terminal.
2. Mouse,KeyBoard
3. Monitor,CPU

3. None of above.
4. None of above.

Correct Answer : 1

Your Answer :

QuestionID : 11138 Subject Name Operating Syatems
Concepts

Q16. Which of the following cpu schedulling algorithms will prevented stravation?

1. shortest-job-first
2. priority schedulling algorithm
3. priority schedulling will againg mechanism
4. none

Correct Answer : 3

Your Answer :

QuestionID : 11139 Subject Name Operating Syatems
Concepts

Q17. When an interrupt occurs, an operating sytem

1. ignores the interpt
2. always changes the state of the interrupted process after processing the interrupt .
3. always resumes execution of the interrupted process after processing the interrupt .
4. may change the state og the interrupted process to "Blocked" and schedule another process

Correct Answer : 4

Your Answer :

QuestionID : 11144 Subject Name Operating Syatems
Concepts

Q18. The time of admission of job to ready queue to completion is _____

1. Turnaround time
2. Burst time
3. Response time
4. None of the above.

Correct Answer : 1

Your Answer :

QuestionID : 11145 Subject Name Operating Syatems
Concepts

Q19. A file system uses the contiguous space allocation mechanism for disk allocation .For better utilization of disk space ,this file system must use

1. A garbage collection mechanism
2. A disk compaction mechanism
3. A linked-block allocation mechanism
4. An indexed-block allocation mechanism

Correct Answer : 4

Your Answer :

QuestionID : 11152 Subject Name Operating Syatems
Concepts

Q20. Kernel is

1. considered as critical part of operating system.
2. software which monitors operating system.
3. set of primitive functions upon which rest of operating system functions are built up.
4. none of the above.

Correct Answer : 3

Your Answer :

QuestionID : 11153 Subject Name Operating Syatems
Concepts

Q21. A purpose of virtual memory system is to

1. Allow multiprocessing
2. Allow multiprogramming

3. Allow batch processing
4. Allow execution of program that larger memory than the size of the physical main memory.

Correct Answer : 4

Your Answer :

QuestionID : 11164 Subject Name Operating Syatems
Concepts

Q22. The only state transition that is initiated by user process itself is

1. Block
2. Dispatch
3. wake-up
4. None of above

Correct Answer : 1

Your Answer :

QuestionID : 11166 Subject Name Operating Syatems
Concepts

Q23. cipher text is decrypted text.

Correct Answer : T

Your Answer :

QuestionID : 11168 Subject Name Operating Syatems
Concepts

Q24. Which of the following are single user Operating Systems.

1. MS-DOS Only
2. Unix
3. MS-DOS,Xenix
4. OS/2.

Correct Answer : 3

Your Answer :

QuestionID : 11172 Subject Name Operating Syatems
Concepts

Q25. Andrew and Sprite are examples of Distributed operating system.

Correct Answer : T

Your Answer :

QuestionID : 11175 Subject Name Operating Syatems
Concepts

Q26. CPU performance is based on:-

1. ALU width.
2. Clock speed .
3. Number of instructions executed per second.
4. both a and b.

Correct Answer : 3

Your Answer :

QuestionID : 11184 Subject Name Operating Syatems
Concepts

Q27. Intime sharing operating system ,
when time slot given to a process is completed ,
the process goes from RUNNING state to the

1. BLOCKED state
2. Ready State
3. SUSPENDED state
4. TERMINATED state

Correct Answer : 2

Your Answer :

QuestionID : 11186 Subject Name Operating Syatems
Concepts

Q28. The size of virtual memory depends on the size of the

1. data bus
2. main memory
3. address bus
4. none

4. none

Correct Answer : 3

Your Answer :

QuestionID : 11200 Subject Name Operating Syatems
Concepts

Q29. RAID level 3 is also known as

1. memory-style error-correcting code.
2. Block-interleaved parity organization.
3. Bit-interleaved parity organization.
4. All of the above

Correct Answer : 2

Your Answer :

QuestionID : 11203 Subject Name Operating Syatems
Concepts

Q30. The protected mode is necessary for :-

1. Multitasking system.
2. Multiuser System.
3. both 1 & 2
4. 16 bit programming.

Correct Answer : 1

Your Answer :

QuestionID : 11209 Subject Name Operating Syatems
Concepts

Q31. FIFO and LRU are the popular page replacement algorithms.

Correct Answer : T

Your Answer :

QuestionID : 11218 Subject Name Operating Syatems
Concepts

Q32. In partitioned memory allocation scheme the _____

1. Best fit Algorithm is always better then the first fit algorithm.
2. First fit Algorithm is always better then the Best fit algorithm.
3. Superiority of the first fit & best fit depends on the sequence of memory request .
4. none of the above.

Correct Answer : 3

Your Answer :

QuestionID : 11241 Subject Name Operating Syatems
Concepts

Q33. Which of the following is true about deadlock state?

1. The system cannot run any process
2. The system can run process barring those invloved in the deadlock
3. A running process cannot request any new resource
4. All process in the ready queue enter the wait queue

Correct Answer : 2

Your Answer :

QuestionID : 11244 Subject Name Operating Syatems
Concepts

Q34. Round Robin is an example of timesharing scheduling policy.

Correct Answer : T

Your Answer :

QuestionID : 11247 Subject Name Operating Syatems
Concepts

Q35. Unix is an example of multiuser system.

Correct Answer : T

Your Answer :

QuestionID : 11250 Subject Name Operating Syatems
Concepts

Q36. single system image is obtained in case of Distributed system

Correct Answer : T

Your Answer :

QuestionID : 11252 Subject Name Operating Syatems
Concepts

Q37. Device Controller is a Hardware

Correct Answer : F

Your Answer :

QuestionID : 11254 Subject Name Operating Syatems
Concepts

Q38. A Program is a ----- entity whereas a Process is a----- entity

1. Passive ,Active
2. Active ,passive
3. Active,Active
4. passive,passive

Correct Answer : 1

Your Answer :

QuestionID : 11256 Subject Name Operating Syatems
Concepts

Q39. The context of a process is the union of its

1. region table,uarea,system level context & user level context
2. register context,preigion table,user level context
3. System level context,register context,user level context
4. process table,user level context,register context

Correct Answer : 1

Your Answer :

QuestionID : 11259 Subject Name Operating Syatems
Concepts

Q40. Program in execution is called Process.

Correct Answer : T

Your Answer :

QuestionID : 11275 Subject Name Operating Syatems
Concepts

Q41. a demand paging system with page table held in registers takes 5 milli sec to service a page fault, if an empty page is available,

or if page to be replaced is not dirty. It takes 50 milli sec if the replaced page is dirty. memory access time is 1 micro sec, assume we want an effective access time of 2 micro sec and that page to be replaced is dirty 60% of time, what is the approximate maximum acceptable page fault rate to meet this access time requirement

1. 0.1%
2. 1.0%
3. 2.5%
4. 0.01%

Correct Answer : 4

Your Answer :

QuestionID : 11277 Subject Name Operating Syatems
Concepts

Q42. Which of the Following operating Systems are not available for non-intel platforms

1. Windows NT
2. Solaris
3. Linux
4. All of the above

Correct Answer : 2

Your Answer :

QuestionID : 11283 Subject Name Operating Syatems
Concepts

Q43. In the systems which do not have multiple CPUS is the cache coharency is an issue while design.

Correct Answer : F

Your Answer :

QuestionID : 11297 Subject Name Operating Syatems
Concepts

Q44. the fol.is a part of FAT

1. sector info
2. disk type
3. date info
4. none

Correct Answer : 1

Your Answer :

QuestionID : 11298 Subject Name Operating Syatems
Concepts

Q45. The avilable routing schemes are:

1. fixed routing
2. virtual routing
3. dynamic routing
4. all of the avobe

Correct Answer : 4

Your Answer :

QuestionID : 11299 Subject Name Operating Syatems
Concepts

Q46. _____ is the coincidence of high paging traffic and low CPU utilization

1. Thrashing
2. spoolinh
3. swapping
4. All

Correct Answer : 1

Your Answer :

QuestionID : 11301 Subject Name Operating Syatems
Concepts

Q47. peak bandwidth of a 64 bit, 33 MHz based PCI bus would be...

1. 133MB/s
2. 266 MB/s
3. 512 MB/s
4. 33 MB/s

Correct Answer : 3

Your Answer :

QuestionID : 11307 Subject Name Operating Syatems
Concepts

Q48. An ordinary user can modify the contents of the file "/usr/lib/cron/at.deny"?

Correct Answer : F

Your Answer :

QuestionID : 11310 Subject Name Operating Syatems
Concepts

Q49. Circuit switching has two variants -connection oriented and connectionless

Correct Answer : F

Your Answer :

QuestionID : 11624 Subject Name Operating Syatems
Concepts

Q50. Unix is a network operating system

Correct Answer : T

Your Answer :