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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 : 11061   Subject Name Operating Syatems Concepts

Q2. Unix is a network operating system?
Correct Answer : T
Your Answer :

QuestionID : 11083   Subject Name Operating Syatems Concepts

Q3. A process refers to 5 pages, A,B,C,D & E in the order - A; B; C; D; A; B;
E; A; B; C; D; E. If the page replacement algorithm is FIFO,the number
of pages which transfer with an emty internal store of 3 frames is
1. 8
2. 10
3. 9
4. 7
Correct Answer : 3
Your Answer :

QuestionID : 11084   Subject Name Operating Syatems Concepts

Q4. If the scheduling policy is FCFS the average waiting time will be?
1. 12.8 ms
2. 8 ms
3. 16 ms
4. none of the above
Correct Answer : 1
Your Answer :

QuestionID : 11086   Subject Name Operating Syatems Concepts

Q5. Page Fault occurs when
1. the page is corrupted by application software
2. the page is in main memory
3. the page is not in main memory
4. one tries to divide a number by 0
Correct Answer : 3
Your Answer :

QuestionID : 11087   Subject Name Operating Syatems Concepts

Q6. FCFS stands for -----
1. Fast Come First Serve.
2. First Come First Serve.
3. Both are true.
4. Both are False.
Correct Answer : 2
Your Answer :

Q7. Disk request come to a disk driver for cylinders in the order 10,22,20,2,40,6 and 38, at time when the disk drive is reading from cylinder 20.

The seek time is 6 ms per cylinder. the total seek time, if the disk arm sheduling algorithm is first come first served is

1. 360 ms
2. 850 ms
3. 900 ms
4. none of above

Correct Answer : 4

Your Answer :

Q8. Semaphores are used to solve the problem of

1. Race condition
2. process syncronisation
3. mutual exclusion
4. both b&c

Correct Answer : 4

Your Answer :

Q9. SPOOLING stands for simultaneous peripheral operation online.

Correct Answer : T

Your Answer :

Q10. SPOOLING stands for _____

1. Simultaneous Peripheral Operations OnLine
2. Spontaneous Peripheral Operations OnLine
3. Serial Peripheral Operations OnLine
4. None of the above

Correct Answer : 1

Your Answer :

Q11. With a single resource deadlock occures

1. if there are more than two processes computing for that resource
2. if there are only than two processes computing for that resource
3. if there are a single process computing for that resource
4. None of the above

Correct Answer : 4

Your Answer :

Q12. NRU stands for NOT RECENTLY USED & LRU stands for LEAST RECENTLY USED

Correct Answer : T

Your Answer :

Q13. _____ 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 :

Q14. Which of the following is true?

a) Overlays are used to increase the size of physical memory
b) Overlays are used to increase the logical address space
c) when overlays are used the size of project is not limited to the size of physical memory
d) Overlays are used whenever the physical address space is smaller than the logical address space
1. a and b
2. only c
3. only a
4. none of the above
Correct Answer : 2
Your Answer :

Q15. 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 :

Q16. which of the following is an example of SPOOLED device
1. The terminal used to enter the input data for a program being executed.
2. The secondary memory device in a virtual memory system.
3. A line printer used to print the output of a number of jobs.
4. none of the above.
Correct Answer : 3
Your Answer :

Q17. Round-Robbin understands priority?
Correct Answer : F
Your Answer :

Q18. When fork() is given-
1. it creates a child process.
2. Allocates slot in process table.
3. returns 0 to parent and ID to child.
4. all of the above.
Correct Answer : 4
Your Answer :

Q19. When an interrupt occurs, an operating sytem
1. ignores the interrpt
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 :

Q20. The signal of the keyboard sends to the computer a special kind of
message called

1. keyboard request
2. keyboard controller
3. interrupt controller
4. interrupt request

Correct Answer : 4

Your Answer :

Q21. Disk scheduling involves deciding

1. which disk should be accessed next
2. the order in which disk access request must be serviced
3. the physical location where files should be accessed in the disk
4. none of the above

Correct Answer : 2

Your Answer :

Q22. Which of the following CPU scheduling algorithm will prevent starvation
problem.

1. shortest-job-first
2. priority scheduling
3. priority scheduling with aging mechanism
4. None of the above

Correct Answer : 3

Your Answer :

Q23. The main purpose(s)of an operating system is/are_____

1. Convenience for the user.
2. Efficient operation of the Computer system.
3. Optimal use of Computer resources.
4. All of the above

Correct Answer : 4

Your Answer :

Q24. During system stratup,program execution begin at address FFFOH

Correct Answer : T

Your Answer :

Q25. following is a path under execution

1. directory
2. file
3. thread
4. all

Correct Answer : 3

Your Answer :

Concepts

Q26. In a multi-user OS,20 requests are made to a particular resource per hour,on an average.The probability that no requests are made in 45 minutes is
1. (e)-15
2. (e)-5
3. 1-(e)-5
4. 1-(e)-10

Correct Answer : 4

Your Answer :

Q27. A process is Thrashing if it spends more time on execution than paging
1. True
2. False
3. None of the above.
4. Partially True

Correct Answer : 2

Your Answer :

Q28. Fragmentation is
1. dividing the secondary memory into equal sized fragmenys.
2. dividing the main memory into equal sized fragments.
3. fragments of memory words unused in a page.
4. fragments of memory words used in a page .

Correct Answer : 3

Your Answer :

Q29. Which of the following are RTOS ?
1. An on-line railway reservation system
2. A process control system.
3. Aircraft control system.
4. Payroll processing system.

Correct Answer : 3

Your Answer :

Q30. A virtual memory is required for
1. Increasing the speed
2. Increasing the addressing modes
3. Overcoming size limitation of main memory
4. Overcoming size limitation of cache memory

Correct Answer : 3

Your Answer :

Q31. Which of the following statement is true for dead lock?
1. The system can not run any process.
2. The system can not run any process barring all those involved in the deadlock?
3. A running process can not request any new response.
4. All processes in the ready queue enter the wait.

Correct Answer : 1

Your Answer :

Q32. Which of the following is a non-preemtive O.S?
1. Unix
2. Windows95

3. Wnidows NT
4. None of the above
Correct Answer : 4
Your Answer :

Q33. The main purpose of an Operating system is/are ...
1. convenience for the user
2. efficient operation of the computer system.
3. optimal use of the compuetr resources.
4. All of the above.
Correct Answer : 4
Your Answer :

Q34. Round Robin is an example of timesharing scheduling policy.
Correct Answer : T
Your Answer :

Q35. single system image is obtained in case of Distributed system
Correct Answer : T
Your Answer :

Q36. Device Controller is a Hardware
Correct Answer : F
Your Answer :

Q37. Device files in UNIX are
1. Device drivers
2. Special Files
3. Pipes
4. Unstructured files
Correct Answer : 2
Your Answer :

Q38. Consider a computer with 8 Mbytes of the main memory &
128 K cache.The cache block size is 4K .It
uses a direct mapping scheme for the cache management. how
many different main memory blocks can map on to a given
physical cache block
1. 2048
2. 256
3. 64
4. none
Correct Answer : 3
Your Answer :

Q39. In which of the following directory systems,is it possible to have
multiple complete paths for a file,starting from the root directory ?
1. Single level directory
2. Two level directory
3. Tree structured directory
4. Acyclic graph directory
Correct Answer : 4
Your Answer :

Q40. 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 : 11281   Subject Name Operating Syatems Concepts

Q41. SS402>myfile would redirect the standard output and standard error to the myfile.

   Correct Answer : F

   Your Answer :

QuestionID : 11283   Subject Name Operating Syatems Concepts

Q42. In the systems which do not have multiple CPUS is the cache coharency is an issue while design.

   Correct Answer : F

   Your Answer :

QuestionID : 11292   Subject Name Operating Syatems Concepts

Q43. Suppose the following files are present in the current directory:

ashish arctan dac.doc dim.dwg document

fag fibonacci finder fog folder

sam si.c tarun zenith zombie

Which files would be listed by the following command?

Is [!fd]

   1. None
   2. zenith zombie
   3. [!fd] not found
   4. fag fibonacci finder fog folder

   Correct Answer : 3

   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 : 11301   Subject Name Operating Syatems Concepts

Q46. 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 :

Q47. b=

[-n $b]

echo $?

[-z $b]

echo $?

    1. Will run fine
    2. test : argument expected
    3. error
    4. none

Correct Answer : 2
Your Answer :

Q48. point out error

a=12 b=12.52

if[a=b] then echo "\n a and b are equal"

fi

    1. [a=b]
    2. fi
    3. both
    4. none

Correct Answer : 1
Your Answer :

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

Correct Answer : F
Your Answer :

Q50. linked list is not suitable for which of following data structure

    1. binary search
    2. Insertion sort
    3. radix sort
    4. polynomial manipulation

Correct Answer : 1
Your Answer :