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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 : 11065      Subject Name Operating Syatems Concepts

**Q2. A programm can execute more than once simultaneously is called**

1. re-executable
2. re-entrant
3. multiprogramming
4. none of the above

**Correct Answer : 2**

Your Answer :

QuestionID : 11068      Subject Name Operating Syatems Concepts

**Q3. All the entries in FAT corresponds to clusters****Correct Answer : T**

Your Answer :

QuestionID : 11071      Subject Name Operating Syatems Concepts

**Q4. ----- 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 : 11074      Subject Name Operating Syatems Concepts

**Q5. LAN covers radius of up to 10 KM****Correct Answer : F**

Your Answer :

QuestionID : 11089      Subject Name Operating Syatems Concepts

**Q6. Semaphores are used to solve the problem of**

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

**Correct Answer : 4**

Your Answer :

QuestionID : 11094      Subject Name Operating Syatems Concepts

**Q7. 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 :

QuestionID : 11097      Subject Name Operating Syatems Concepts

**Q8. Which of the following is true?**

- a) the linkage editor is used to edit programs which have to be later linked together
  - b) the linkage editor links object modules during compiling or assembling
  - c) the linkage editor links object modules and resolves external references between them before loading
  - d) the linkage editor resolves external references between the object modules during execution time
1. only c
  2. a and c
  3. only b
  4. all of the above

**Correct Answer : 1**

Your Answer :

QuestionID : 11099      Subject Name Operating Syatems Concepts

**Q9. With a single resource deadlock occurs**

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 :

QuestionID : 11105      Subject Name Operating Syatems Concepts

**Q10. It is possible to have a deadlock involving only a single process**

**Correct Answer : F**

Your Answer :

QuestionID : 11107      Subject Name Operating Syatems Concepts  
Q11. \_\_\_\_\_ 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 : 11108      Subject Name Operating Syatems Concepts  
Q12. Pre-emptive scheduling is the strategy of temporarily suspending a running process

1. before the cpu time slice expires
2. to allow starving process to run
3. when it request i/o
4. none of the above

**Correct Answer : 1**

Your Answer :

QuestionID : 11112      Subject Name Operating Syatems Concepts  
Q13. 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 : 11125      Subject Name Operating Syatems Concepts  
Q14. \_\_\_\_\_ is an example of sharable resource and \_\_\_\_\_ is an example of non Sharable resouece.

1. Memory,Terminal.
2. Mouse,KeyBoard
3. Monitor,CPU
4. None of above.

**Correct Answer : 1**

Your Answer :

QuestionID : 11137      Subject Name Operating Syatems Concepts  
Q15. 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 :

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 : 11141      Subject Name Operating Syatems Concepts

**Q17. Which of the following statement is true?**

1. A computer Virus is complete program that makes active attacks.
2. A computer virus is program segment that makes passive attatcks.
3. A logic bomb is program segment that makes passive attacks.
4. A logic bomb is program that makes active attacks.

**Correct Answer : 1**

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 : 11149      Subject Name Operating Syatems Concepts

**Q19. The fastest strogage element is?**

1. CDRAM
2. DRAM
3. EDO-DRAM
4. SDRAM

**Correct Answer : 2**

Your Answer :

QuestionID : 11151      Subject Name Operating Syatems Concepts

**Q20. 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 :

QuestionID : 11152      Subject Name Operating Syatems Concepts

Q21. 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 : 11157      Subject Name Operating Syatems Concepts

Q22. At a perticular time of computation the value of counting semaphore is 7. Then 20 'p' operation abd x 'v' operation were completed on this semaphore.

If the final value of the semaphore is 5, x will be...

1. 15
2. 22
3. 18
4. 13

**Correct Answer : 3**

Your Answer :

QuestionID : 11170      Subject Name Operating Syatems Concepts

Q23. The process of loading the os into the main memory is done by the bootstrap loader.

**Correct Answer : T**

Your Answer :

QuestionID : 11193      Subject Name Operating Syatems Concepts

Q24. A \_\_\_\_\_ operating system is an operating syatem which requires a timely response from a computer system

1. Batch os
2. Workstation
3. a and b
4. None of the above

**Correct Answer : 4**

Your Answer :

QuestionID : 11194      Subject Name Operating Syatems Concepts

Q25. following is a path under execution

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

**Correct Answer : 3**

Your Answer :

QuestionID : 11202      Subject Name Operating Syatems Concepts

Q26. Supervisor call

1. is call made by supervisor of the system
2. is a call with control functions
3. are previlaged calls that are used to perform resource management functions which are controlled by operating system.
4. is a call made by someone working in root directory.

**Correct Answer : 3**

Your Answer :

QuestionID : 11217      Subject Name Operating Syatems Concepts

Q27. Which of the following page replacement algorithms suffers from Belady's anomaly?

1. Optimal replacement
2. LRU
3. FIFO
4. Both optimal replacement and FIFO

**Correct Answer : 3**

Your Answer :

QuestionID : 11227      Subject Name Operating Syatems Concepts

Q28. DOS is an example of ..... user system

1. Multiuser system
2. Single user system
3. both 1 and 2
4. none of the above

**Correct Answer : 2**

Your Answer :

QuestionID : 11246      Subject Name Operating Syatems Concepts

Q29. Blocking primitives are also called as synchronous communication

**Correct Answer : T**

Your Answer :

QuestionID : 11248      Subject Name Operating Syatems Concepts

Q30. which of the following is page replacement algorithm

1. FIFO Page replacement

2. LRU

3.

optimal page replacement

4. all

**Correct Answer : 4**

Your Answer :

QuestionID : 11250      Subject Name Operating Syatems Concepts

Q31. single system image is obtained in case of Distributed system

**Correct Answer : T**

Your Answer :

QuestionID : 11251      Subject Name Operating Syatems Concepts

Q32. Unix is a Multiuser,Multitasking,Multiprocessing Operating system.

**Correct Answer : T**

Your Answer :

QuestionID : 11252      Subject Name Operating Syatems Concepts

Q33. Device Controller is a Hardware

**Correct Answer : F**

Your Answer :

QuestionID : 11255      Subject Name Operating Syatems Concepts

Q34. Consider a system having m resources of same type.The resources are shared by

3 processes A,B ,C which have peak time demands of 3,4,6 respctively.The minimum

value of m that ensures that deadlock will never occur is

1. 11

2. 12

3. 13

4. 14

**Correct Answer : 1**

Your Answer :

QuestionID : 11256      Subject Name Operating Syatems Concepts

Q35. The context of a process is the union of its

1. region table,uarea,system level context & user level context

2. register context,preion 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 : 11268      Subject Name Operating Syatems Concepts

Q36. m processes share n resources of the same type .The maximum need of each process does not exceed n and the sum of all their maximum needs

is always less than  $m+n$ . In this set up deadlock -----.

1. can never occur
2. may occur
3. has to occur
4. none of the above

**Correct Answer : 1**

Your Answer :

QuestionID : 11270      Subject Name Operating Syatems Concepts

Q37. Within `` piping and redirection metacharacters cannot be used.

**Correct Answer : F**

Your Answer :

QuestionID : 11271      Subject Name Operating Syatems Concepts

Q38. Unix is the example of the Distributed operating system

**Correct Answer : T**

Your Answer :

QuestionID : 11272      Subject Name Operating Syatems Concepts

Q39. which of the following is false

1. deadlock state is unsafe
2. unsafe state may lead to deadlock situation
3. unsafe state must lead to deadlock situation
4. deadlock system is subset of unsafe system

**Correct Answer : 3**

Your Answer :

QuestionID : 11275      Subject Name Operating Syatems Concepts

Q40. 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 : 11282      Subject Name Operating Syatems Concepts

Q41. Round Robin algorithm is an example timesharing scheduling policy.

**Correct Answer : T**

Your Answer :



QuestionID : 11285      Subject Name Operating Syatems Concepts

Q42. Locality of reference implies that the page reference being made by a process

1. will always be to the page used in previous page refernce
2. is likely to be one of the pages used in the last few page references
3. will always be one of the pages existing in memory
4. will always lead to a page fault

**Correct Answer : 2**

Your Answer :

QuestionID : 11287      Subject Name Operating Syatems Concepts

Q43. Th e correct matching of the following pairs :

A. disk sccheduling 1.round robin

B. batch processing 2.scan

C. time sharing 3. LIFO

D. interrupt processing 4.FIFO

1. A-3,B-4,C-2,D-1
2. A-4,B-3,C-2,D-1
3. A-2,B-4,C-1,D-3
4. A-2,B-1,C-4,D-3

**Correct Answer : 3**

Your Answer :

QuestionID : 11290      Subject Name Operating Syatems Concepts

Q44. Mutex is an acronym for Mutual Exclusion.

**Correct Answer : T**

Your Answer :

QuestionID : 11302      Subject Name Operating Syatems Concepts

Q45. Main advantage of EISA bus over micro channel bus was:

1. it offered more bandwidth over micro channel
2. it had software configurable devices
3. it was backward compatible with ISA
4. it made the existing peripherals run faster

**Correct Answer : 2**

Your Answer :

QuestionID : 11306      Subject Name Operating Syatems Concepts

Q46. Multiprograming degenrates to time sharing system

if there is no proper mix of CPU and i/o bound jobs

**Correct Answer : F**

Your Answer :

QuestionID : 11309      Subject Name Operating Syatems Concepts

Q47. Single system image is obtained in case of ----

1. desktop

2. Distributed
3. network
4. none

**Correct Answer : 2**

Your Answer :

QuestionID : 11310      Subject Name Operating Syatems Concepts

Q48. Circuit switching has two variants -connection oriented and connectionless

**Correct Answer : F**

Your Answer :

QuestionID : 11311      Subject Name Operating Syatems Concepts

Q49. 80826 the addressing schema is \_\_\_\_\_ addressing

1. 8 bit
2. 16 bit
3. 24 bit
4. 28 bit

**Correct Answer : 3**

Your Answer :

QuestionID : 11624      Subject Name Operating Syatems Concepts

Q50. Unix is a network operating system

**Correct Answer : T**

Your Answer :