Q1. Tape is magnetic device.

Correct Answer : T

Your Answer :

QuestionID : 11070 Subject Name Operating Syatems Concepts

Q2. During the process of loading the program, a \_\_\_\_\_\_\_\_\_\_ modifies the actual

instruction so that the effect of load address is taken into account

1. resource locator

2. loader

3. relocating loader

4. relocation register

Correct Answer : 4

Your Answer :

QuestionID : 11072 Subject Name Operating Syatems Concepts

Q3. Relocation and address translation can be achieved with the help of paging

Correct Answer : T

Your Answer :

QuestionID : 11074 Subject Name Operating Syatems Concepts

Q4. LAN covers radius of up to 10 KM

Correct Answer : F

Your Answer :

QuestionID : 11078 Subject Name Operating Syatems Concepts

Q5. time sharing system uses round robin scheduling algorithmn.

Correct Answer : T

Your Answer :

QuestionID : 11084 Subject Name Operating Syatems Concepts

Q6. 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 : 11090 Subject Name Operating Syatems Concepts

Q7. Spatial locality refers to the problem that once a

location is referenced

1. it will not be referenced again.

2. it will be referenced again.

3. A nearby location will be referenced soon.

4. none of the above.

Correct Answer : 3

Your Answer :

QuestionID : 11099 Subject Name Operating Syatems Concepts

Q8. 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 :

QuestionID : 11106 Subject Name Operating Syatems Concepts

Q9. NRU stands for NOT RECENTLY USED & LRU stands for LEAST RECENTLY USED

Correct Answer : T

Your Answer :

QuestionID : 11109 Subject Name Operating Syatems Concepts

Q10. The following is a part of FAT.

1. Sector info.

2. Disk type

3. Modified info.

4. Date info.

Correct Answer : 1

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 : 11115 Subject Name Operating Syatems Concepts

Q12.

the address sequence generated by a particular program executing in

demand paging with 100 records per page with one free memory

frame is recorded.what is the number of page fault;

100,200,430,499,510,530,560,120,220,240,260,320,370

1. 13

2. 7

3. 8

4. 10

Correct Answer : 4

Your Answer :

QuestionID : 11125 Subject Name Operating Syatems Concepts

Q13. \_\_\_\_\_\_\_\_ 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 : 11126 Subject Name Operating Syatems Concepts

Q14. Round-Robbin understands priority?

Correct Answer : F

Your Answer :

QuestionID : 11132 Subject Name Operating Syatems Concepts

Q15. Critical region is

1. a part of operating system which is not allowed to be accessed by any process.

2. a set of instructions that access common shared resource which exclude one another in time.

3. the portion of main memory which can be accessed only by one process at a time.

4. None of the above.

Correct Answer : 2

Your Answer :

QuestionID : 11133 Subject Name Operating Syatems Concepts

Q16. Pipe is the mechanism whereby the output of one process is directed into input of another process

Correct Answer : T

Your Answer :

QuestionID : 11136 Subject Name Operating Syatems Concepts

Q17. Efficient operation of computer system and Convinience for user

are the goals of operating system.

Correct Answer : T

Your Answer :

QuestionID : 11138 Subject Name Operating Syatems Concepts

Q18. 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 : 11140 Subject Name Operating Syatems Concepts

Q19. The first-fit,best-fit,worst-fit algorithm can be used for

1. Contiguous memory allocation

2. Linked memory allocation

3. Indexed memory allocation

4. All of the above

Correct Answer : 1

Your Answer :

QuestionID : 11141 Subject Name Operating Syatems Concepts

Q20. 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 : 11145 Subject Name Operating Syatems Concepts

Q21. 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 : 11150 Subject Name Operating Syatems Concepts

Q22. If the C.P.U. scheduling Policy is priority scheduing without the

pre-emption the average waiting time will be\_\_\_\_\_\_\_\_\_

1. 12.8 ms

2. 11.8 ms

3. 10.8 ms

4. none of the above

Correct Answer : 3

Your Answer :

QuestionID : 11153 Subject Name Operating Syatems Concepts

Q23. 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 : 11157 Subject Name Operating Syatems Concepts

Q24. 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 : 11160 Subject Name Operating Syatems Concepts

Q25. An OS is the interface between Hardware and user.

Correct Answer : T

Your Answer :

QuestionID : 11161 Subject Name Operating Syatems Concepts

Q26. 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 :

QuestionID : 11167 Subject Name Operating Syatems Concepts

Q27. In the context of concurrent processes ,\_\_\_\_\_\_\_\_\_\_\_\_ is used to control the access

to shared the data

1. semaphore

2. deadlock

3. monitor

4. ALU

Correct Answer : 1

Your Answer :

QuestionID : 11171 Subject Name Operating Syatems Concepts

Q28. Memory protection is of no use in a ...

1. single user system

2. non-multiprogramming system

3. non-multitasking system

4. none of above

Correct Answer : 4

Your Answer :

QuestionID : 11183 Subject Name Operating Syatems Concepts

Q29. Cascading Termination refers to termination of all child processes

before parent terminates

1. normally

2. abnormally

3. normally and abnormally

4. none of above

Correct Answer : 4

Your Answer :

QuestionID : 11186 Subject Name Operating Syatems Concepts

Q30. The size of virtual memory depends on the size of the

1. data bus

2. main memory

3. address bus

4. none

Correct Answer : 3

Your Answer :

QuestionID : 11187 Subject Name Operating Syatems Concepts

Q31. `Aging` is

1. keeping track of cache contents

2. keeping track of what pages are currently residing in the memory

3. keeping track how many times the given page is refrenced

4. increasing the priority of jobs to ensure termination in a finite time

Correct Answer : 4

Your Answer :

QuestionID : 11190 Subject Name Operating Syatems Concepts

Q32. Which of the following CPU scheduling algorithms 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 : 11197 Subject Name Operating Syatems Concepts

Q33. If property of locality of reference is well pronounced in a

program

1. number of page faults will be more.

2. number of page faults will be less and execution will be faster.

3. number of page faults will remain same.

4. none of the above.

Correct Answer : 2

Your Answer :

QuestionID : 11199 Subject Name Operating Syatems Concepts

Q34. Which of the following is not a part of a process control block(PCB).

1. Values of a CPU registers

2. CPU Scheduling information

3. Memory limits of the process

4. List of files accessible to the proces.

Correct Answer : 4

Your Answer :

QuestionID : 11201 Subject Name Operating Syatems Concepts

Q35. Following is not a IPC

1. semaphore

2. pipe

3. shared memory

4. Buffering

Correct Answer : 1

Your Answer :

QuestionID : 11218 Subject Name Operating Syatems Concepts

Q36. 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 : 11223 Subject Name Operating Syatems Concepts

Q37. If there are 32 segments ,each of size 1 kbytes,then the logical

address should have-----.

1. 13 bits

2. 14 bits

3. 15 bits

4. 16 bits

Correct Answer : 3

Your Answer :

QuestionID : 11224 Subject Name Operating Syatems Concepts

Q38. 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 :

QuestionID : 11235 Subject Name Operating Syatems Concepts

Q39. The Motivations Behind Networks are

1)Resource Sharing

2)Computation Speedup

3)Reliability

4)Communication

1. 1,2

2. 1,3

3. only 3

4. All the Above

Correct Answer : 4

Your Answer :

QuestionID : 11244 Subject Name Operating Syatems Concepts

Q40. Round Robin is an example of timesharing scheduling policy.

Correct Answer : T

Your Answer :

QuestionID : 11261 Subject Name Operating Syatems Concepts

Q41. In a paged memory the page hit ratio is 0.35.The time required to access a page in secondary memory is equal to 100ns.

the time required to access a page in primary memory is 10ns.The average time required to access a page is

1. 3.0ns

2. 68.0ns

3. 68.5ns

4. 78.5ns

Correct Answer : 3

Your Answer :

QuestionID : 11264 Subject Name Operating Syatems Concepts

Q42. The problem of Thrashing may be reduced by \_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. using prepaging mechanism

2. writing well structured programs

3. both 1 & 2

4. neither 1 & 2

Correct Answer : 3

Your Answer :

QuestionID : 11266 Subject Name Operating Syatems Concepts

Q43. The problem of thrashing may be reduced by

1. Using prepaging mechanism

2. writing well structured program.

3. Both 1 & 2

4. Neither 1 & 2

Correct Answer : 3

Your Answer :

QuestionID : 11272 Subject Name Operating Syatems Concepts

Q44. 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 : 11274 Subject Name Operating Syatems Concepts

Q45. If filenames are supplied as arguments to a script rm"$@" would remove all files supplied as arguments.

Correct Answer : T

Your Answer :

QuestionID : 11277 Subject Name Operating Syatems Concepts

Q46. 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 : 11284 Subject Name Operating Syatems Concepts

Q47. The interval from the time of submission of a process to the time of completion is

1. Turnaround time

2. waiting time

3. response time

4. none of these

Correct Answer : 1

Your Answer :

QuestionID : 11285 Subject Name Operating Syatems Concepts

Q48. 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 : 11309 Subject Name Operating Syatems Concepts

Q49. 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

Q50. Circuit switching has two variants -connection oriented and

connectionless

Correct Answer : F