

PPSC Computer Science Chapter 19 Operating System Online Test

Sr	Questions	Answers Choice
1	Which operating system reacts in the acutal time.	A. Batch system B. Quick response system C. Real time system D. Time sharing system
2	Main function of shared memory is.	A. To use primary memory efficiently B. To do intra process communication C. All of above D. None
3	How many links are created when we create a directory file.	A. 1 B. 2 C. 3 D. 4
4	The part of machine level instruction which tells the central processor what has to be done is.	A. Operation code B. Address C. Locator D. Flip flop
5	Re location bits used by relocating loader are a pacified by	A. Relocating loader B. Assembler C. Translator D. Linker
6	Spooling most beneficial where	A. Jobs are I/O bound B. Jobs are CPU bound C. Jobs are evenly divided as I/O bound are CPU bond D. All of above
7	Which command is used to record a user login session in a file.	A. script B. Record C. Copy D. Session
8	Macintosh computer uses	A. System 7.0 B. AU/X C. Xenix D. None
9	Which LINUX command is used to update the modification time of a file.	A. UPDATE B. MODIFY C. TOUCH D. UNTOCUH
10	Which command is used to set limits on file size.	A. U limit B. A limit C. dlimit D. wilmit
11	Scissoring enables	A. A part of data to be displayed B. Entire data to be displayed C. Full data display on full area of seen D. No data display
12	What control character signals the end of the input file.	A. Ctrl + s B. Ctrl + z C. Ctrl + w D. Ctrl + d
13	Which one is true.	A. The linkage editor is used to edit program which have to later link together. B. The linkage editor links object module during compiling C. The linkage editor links objects modules and resolves external reference between them before loading. D. None of above

14	A high paging rate	<p>A. May cause a high I/O rate</p> <p>B. Keeps the system running well</p> <p>C. Is a symptom of too much processor activity</p> <p>D. Always creates a slow system.</p>
15	To display disk consumption of a specific directory which command is used.	<p>A. dd</p> <p>B. du</p> <p>C. dt</p> <p>D. di</p>
16	Which command in vi editor command is used to copy the current line of the file.	<p>A. ys</p> <p>B. yy</p> <p>C. yc</p> <p>D. yw</p>
17	Which is not a valid file type in LINUX.	<p>A. Socket</p> <p>B. FIFO</p> <p>C. Soft link</p> <p>D. Inode</p>
18	A series of statements explaining how the data is to be processed is called.	<p>A. Instruction</p> <p>B. Compiler</p> <p>C. Program</p> <p>D. Interpreter</p>
19	What is the name of values that are automatically provided by software to reduce keystrokes.	<p>A. Data values</p> <p>B. Default values</p> <p>C. Defined values</p> <p>D. Fixed vallues</p>
20	When did IBM released the first version of its disk operating system DOS version 1.0	<p>A. 1981</p> <p>B. 1982</p> <p>C. 1983</p> <p>D. 1984</p>
21	Solaris is product of.	<p>A. IBP</p> <p>B. IBM</p> <p>C. Microsoft</p> <p>D. Sun microsystemes</p>
22	Which of following need a device drierer.	<p>A. Cache</p> <p>B. Disk</p> <p>C. Main memory</p> <p>D. Registers</p>
23	Printer in the file structure can be found in.	<p>A. /etc</p> <p>B. /html</p> <p>C. /www</p> <p>D. /dev</p>
24	Which is the most important for Multi taskiing.	<p>A. Modularity</p> <p>B. Time sharing</p> <p>C. Multi programming</p> <p>D. Multi user</p>
25	By which of following the problem of thrashing is significantly affected.	<p>A. Program size</p> <p>B. Program structure</p> <p>C. Primary storage</p> <p>D. Secondary strorage</p>
26	Problem of thrashing is affected significantly by	<p>A. Program structure</p> <p>B. Program size</p> <p>C. Primary storage size</p> <p>D. All of above</p>
27	Four necessary conditions for dead lock are none pre emption circular wait and	<p>A. Mutual exclusion</p> <p>B. Race condition</p> <p>C. Buffer overflow</p> <p>D. None of above</p>
28	Which one shows the name of the operating system.	<p>A. U name -n</p> <p>B. Uname -l</p> <p>C. U name - m</p> <p>D. U name -o</p>
29	Which among following scheduling algorithms give minimum average waiting time.	<p>A. FCFS</p> <p>B. SJF</p> <p>C. Round rabin</p> <p>D. On priority</p>
30	Which command is used to know the LINUX version.	<p>A. Uname</p> <p>B. Vname</p> <p>C. Iname</p> <p>D. s name</p>
31	Which command is used to copy files.	<p>A. cp</p> <p>B. copy</p> <p>C. mv</p>

		C. mv D. move
32	A hardware device which is capable of executing a sequence of instructions, is known as.	A. CPU B. ALU C. CU D. Processor
33	Distributed system should.	A. High security B. Have better resource sharing C. Better system utilization D. Low system overhead
34	Default permissions of file can be changed with.	A. Group B. Chperm C. chmod D. Chall
35	Which scheduling policy is most suitable for time shared operating system.	A. Shortest job first B. FCFS C. LCFS D. Round robin
36	Which of the following memory allocation scheme is subject to external fragmentation.	A. Segmentation B. Swapping C. Demand paging D. Multiple contiguous fixed partitions
37	Which command is used to extract a column from a text file.	A. get B. tar C. untar D. cut
38	What is meaning of ILP32	A. 32 bit integrated Long & Pointer B. 32 bit integer long & pointer C. 32 bit integer Long & Point D. 32 bit integer , Lost & pointer
39	Which type of software can be used to merge data of two files in one files.	A. System software B. Networking software C. Documenting software D. utility software
40	Belady anomaly occurs in.	A. LIFO B. FIFO C. LRU D. NRU
41	Daisy chain is a device for	A. Connecting a number of controllers to a device B. Connecting a number of device to a controller C. all of above D. None of above
42	In the shell , by default all variables are considered and stored as.	A. Integer B. String C. Float D. Chracter
43	Which is non pre emptive	A. Round robin B. FIFO C. MS D. MSF
44	What is property of UNIX.	A. Multi user B. Multi processes C. Multi tasking D. All of above
45	Dynamic allocation of storage areas with VSAM files is accomplished by	A. Hashing B. Control splits C. Over flow areas D. Relative recording
46	Which command is LINUX is concerned with backup.	A. tar B. zip C. cpio D. untar
47	Disk scheduling includes deciding	A. Which should be accessed next B. Order in which disk access requests must be serviced C. The physical location of the file D. the logical location of the file
48	Which of the following is not a part of computer architecture.	A. The processor and the associated hardware B. The operating system C. The application software D. The user

48	Memory protection is normally done by	B. The operating system C. The compiler D. The user program
49	Remote computing services involves the use of.	A. Multi processing B. Multi programming C. Batch processing D. Real time processing
50	Which command is used to determine the path of an executable file.	A. which B. whom C. locate D. wex
51	Which of the following does not interrupt an running process.	A. A device B. Timer C. Scheduler process D. Power failure
52	What are the global locks.	A. They synchronize access to local resources. B. They synchronize access to global resources C. They synchronize access to local and global resources D. None of above
53	Fragmentation of a file system.	A. Occurs only is file is not used properly B. Can always be prevented C. Happens in all file systems. D. Can be removed by compaction
54	Which command is concerned with LINUX kernel log messages.	A. dmsg B. dmesg C. cmsg D. cmesg
55	File record length	A. Should be chosen to match the data characteristics B. Should be fixed C. Should be variable D. Vary system to system
56	Which of the following is always there in a computer.	A. Batch system B. Operating system C. Time sharing system D. Controlling system
57	In which of the following usually a front end processor is used.	A. Virtual storage B. Time sharing C. Multi programming D. Multi heading
58	Multiprogramming system	A. Are easier to develop than signal programming system. B. Execute each job faster C. Execute more jobs in the same time D. Are used only on large main frame computers.
59	All device files are stored in which directory.	A. /etc B. /dev C. /www D. /html
60	Banker's algorithm deals with	A. Dead lock prevention B. Dead lock avoidance C. Dead look recovery D. Mutual exclusion
61	Poor response times are caused by	A. Busy processor B. High I/O rate C. High paging rates D. any of above
62	If two files on same partition point to the same inode structure they are called.	A. Soft links B. Hard links C. Copy links D. similar links
63	Which is signal user operating system.	A. MS-DOS B. UNIX C. XENIX D. LINUX
		A. Allows only the correct sender to decode the data

64	A public key encryption system.	<p>B. Allows only the correct receiver to decode the data</p> <p>C. Allows any one to decode the data</p> <p>D. None of above</p>
65	which option of 'grep' displays the line number as well.	<p>A. -n</p> <p>B. -i</p> <p>C. -d</p> <p>D. -al</p>
66	Which scheduling policy is best suited for time sharing operating system.	<p>A. Shortest job first</p> <p>B. Round robin</p> <p>C. First come first serve</p> <p>D. Elevator</p>
67	Which command changes a file's group owner	<p>A. chmod</p> <p>B. chgrp</p> <p>C. chown</p> <p>D. chgrp</p>
68	Which of the following is not an advantage of multiprogramming.	<p>A. Increased throughput</p> <p>B. Shorter response time</p> <p>C. Ability to assign priorities of jobs</p> <p>D. Decreased system overload</p>
69	Semaphores are used to solve the problem of.	<p>A. Race condition</p> <p>B. Process synchronization</p> <p>C. Mutual exclusion</p> <p>D. Belady problem</p>
70	Size of virtual memory depends on	<p>A. Size of data bus</p> <p>B. Size of address bus</p> <p>C. Size of main memory</p> <p>D. None of above</p>
71	How applications communicate with kernel.	<p>A. Not disclosed by linux team</p> <p>B. SSL</p> <p>C. System calls</p> <p>D. Shell</p>
72	By which command content of a file can be searched.	<p>A. grep</p> <p>B. search</p> <p>C. srh</p> <p>D. show</p>
73	Which command reads the content of another file in vi editor .	<p>A. erd</p> <p>B. ex</p> <p>C. r</p> <p>D. read</p>
74	Which operating system uses write-through caches.	<p>A. UNIX</p> <p>B. XENIX</p> <p>C. ULTRIX</p> <p>D. DOS</p>
75	Dijkstra's algorithm deals with	<p>A. Mutual exclusion</p> <p>B. Dead lock avoidance</p> <p>C. Dead lock recovery</p> <p>D. Real time processing</p>
76	To avoid the race condition the number of processes that may be simultaneously inside the critical section is	<p>A. 1</p> <p>B. 3</p> <p>C. 0</p> <p>D. 12</p>
77	In which scheduling policies context switching never takes place	<p>A. FCFS</p> <p>B. Round robin</p> <p>C. Shortest job first</p> <p>D. Pre-emptive</p>
78	What is the name given to the values that are automatically provided by software to reduce keystrokes and improve a computer user's productivity.	<p>A. Defined values</p> <p>B. Fixed values</p> <p>C. Default values</p> <p>D. None of the above</p>
79	File inode number can be viewed by.	<p>A. -8</p> <p>B. -l</p> <p>C. -a</p> <p>D. -t</p>
80	Which command gives the first byte where the difference is in the file 1 & file2	<p>A. Diff</p> <p>B. differ</p> <p>C. Cmp</p> <p>D. Compare</p>
81	Which process is known for initializing a microcomputer with its OS.	<p>A. Cold booting</p> <p>B. Boot recording</p> <p>C. Booting</p> <p>D. Warm booting</p>

82	Which among following is considered as super daemon.	A. Sysinit B. Grep C. Init D. Locate
83	All the abbreviations is vi editor can be shown by	A. All B. ab C. atat D. ashow
84	What is the meaning of SVR 4	A. System five release 4 B. System version release 4 C. System five relocated 4 D. Storage files five release 4
85	Which technique is used by operating systems to execute several program concurrently by switching back and forth.	A. Partitioning B. Multitasking C. Windowing D. Paging
86	Belady anomaly occurs in	A. Optimal replacement B. FIFO C. LRU D. Both in FIFO and LRU
87	Which among the following is used to write small program to control Linux Functionalities.	A. Shell commands B. Shell script C. C D. Java
88	Which command is used to set terminal input output characteristics	A. Atty B. stty C. dtty D. itty
89	if the CPU scheduling policy is FCFS then what would be average waiting time.	A. 10 ms B. 10.8 ms C. 12 ms D. 12.8 ms
90	For multiprogramming operating system.	A. Special support from processor is essential B. Special support from processor is not essential C. Cache memory is essential D. None of above
91	Distributed systems should.	A. Meet time constraints B. Aim better resource sharing C. Aim better system utilization D. Aim low system overhead
92	A thread is.	A. Lightweight process where the context switching is low B. Lightweight process where the context switching is high C. Used to speed up paging D. Used in dead locks
93	What communication command provides communication to another user logged on by writing to the bottom of their terminal	A. Chat B. Talk C. Write D. Sending
94	Super visor state is only allowed to.	A. Utility softwares B. Application sotware C. Operating system D. Guest user
95	Reference bit is used for	A. Implementing LRU page replacement algorithm B. Implementing NRU algorithm C. To check the page table entry in the cache memory D. None of above
96	File can have.	A. Read access B. Write access C. Copy access D. All of above
97	Which command in LINUX is used for description any command.	A. Help B. Man C. Detail D. Short detail

A. Round robin

98	In real time OS, which is most suitable scheduling scheme.	B. FCFS C. Pre-emptive scheduling D. Random scheduling
99	Creating a job queue is a function of	A. Spooler B. Interpolator C. Compiler D. Drive
100	What is the command that can print lines of first file matching with second file.	A. Printline B. cmp C. com D. comm
101	Which command can be used to know the present working directory.	A. pad B. pww C. pwd D. pdd
102	The system calls in UNIX is written using which language.	A. Java B. C C. C++ D. Assembly
103	Dirty bit is used to show	A. Page with corrupted data B. Wrong page in memory C. Page that is modified after being loaded in the cache memory D. Page that is less frequently accessed
104	Remote computing services involve the use of time sharing and	A. Multiprocessing B. Interactive processing C. Batch processing D. Real time processing
105	What is the maximum number of processes that may enter simultaneously inside the critical section to avoid race condition.	A. One B. Two C. Three D. Four
106	Tee command is used in LINUX for.	A. <div>Read from an input and write to a standard output and file.</div> B. Read from an input C. Write to an output D. None of above
107	Shortest job first executes first the job.	A. With the least processor needs B. That first entered the queue C. That has been in the queue for the longest D. That last entered the queue
108	Seek analysis is for.	A. Paging issues B. Device busy problems C. Control unit busy problems D. All of above
109	In vi editor which command sets the number for all lines.	A. Set nu B. Set ni C. Set sn D. Set sl
110	Kernel minimizes the frequency of disk access by keeping a pool of internal data buffer which helps to increase the response time this is known as.	A. Buffer cache B. Spooling C. Pooling D. Virtual memory