

## PPSC Computer Science Full Book test

Sr	Questions	Answers Choice
1	Banker's algorithm deals with	A. Dead lock prevention B. Dead lock avoidance C. Dead lock recovery D. Mutual exclusion
2	A series of statements explaining how the data is to be processed is called.	A. Instruction B. Compiler C. Program D. Interpreter
3	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
4	Dijkstra's algorithm deals with	A. Mutual exclusion B. Dead lock avoidance C. Dead lock recovery D. Real time processing
5	Remote computing services involves the use of time sharing and	A. Multiprocessing B. Interactive processing C. Batch processing D. Real time processing
6	Four necessary conditions for dead lock are none pre-emption, circular wait and	A. Mutual exclusion B. Race condition C. Buffer overflow D. None of above
7	Poor response times are caused by	A. Busy processor B. High I/O rate C. High paging rates D. any of above
8	Dynamic allocation of storage areas with VSAM files is accomplished by	A. Hashing B. Control splits C. Over flow areas D. Relative recording
9	To avoid the race condition the number of process that may be simultaneously inside the critical section is	A. 1 B. 3 C. 0 D. 12
10	Which of the following does not interrupt a running process.	A. A device B. Timer C. Scheduler process D. Power failure
11	Which process is known for initializing a microcomputer with its OS.	A. Cold booting B. Boot recording C. Booting D. Warm booting
12	Which operating system uses write-through caches.	A. UNIX B. XENIX C. ULTRIX D. DOS
13	Creating a job queue is a function of	A. Spooler B. Interpolator C. Compiler D. Drive
14	A high paging rate	A. May cause a high I/O rate B. Keeps the system running well C. Is a symptom of too much processor activity D. Always creates a slow system.
		A. Allows only the correct sender to decode the data

15	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>
16	Fragmentation of a file system.	<p>A. Occurs only if file is not used properly</p> <p>B. Can always be prevented</p> <p>C. Happens in all file systems.</p> <p>D. Can be removed by compaction</p>
17	Shortest job first executes first the job.	<p>A. With the least processor needs</p> <p>B. That first entered the queue</p> <p>C. That has been in the queue for the longest</p> <p>D. That last entered the queue</p>
18	A thread is.	<p>A. Lightweight process where the context switching is low</p> <p>B. Lightweight process where the context switching is high</p> <p>C. Used to speed up paging</p> <p>D. Used in dead locks</p>
19	Multiprogramming system	<p>A. Are easier to develop than signal programming system.</p> <p>B. Execute each job faster</p> <p>C. Execute more jobs in the same time</p> <p>D. Are used only on large main frame computers.</p>
20	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>
21	The part of machine level instruction which tells the central processor what has to be done is.	<p>A. Operation code</p> <p>B. Address</p> <p>C. Locator</p> <p>D. Flip flop</p>
22	Which technique is used by operating systems to execute several programs concurrently by switching back and forth.	<p>A. Partitioning</p> <p>B. Multitasking</p> <p>C. Windowing</p> <p>D. Paging</p>
23	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>
24	Macintosh computer uses	<p>A. System 7.0</p> <p>B. AU/X</p> <p>C. Xenix</p> <p>D. None</p>
25	Which operating system reacts in real time.	<p>A. Batch system</p> <p>B. Quick response system</p> <p>C. Real time system</p> <p>D. Time sharing system</p>
26	Reference bit is used for	<p>A. Implementing LRU page replacement algorithm</p> <p>B. Implementing NRU algorithm</p> <p>C. To check the page table entry in the cache memory</p> <p>D. None of above</p>
27	Which is a user operating system.	<p>A. MS-DOS</p> <p>B. UNIX</p> <p>C. XENIX</p> <p>D. LINUX</p>
28	In which scheduling policy 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>
29	For multiprogramming operating system.	<p>A. Special support from processor is essential</p> <p>B. Special support from processor is not essential</p> <p>C. Cache memory is essential</p> <p>D. None of above</p>
30	Semaphores are used to solve the problem of.	<p>A. Race condition</p> <p>B. Process synchronization</p> <p>C. Mutual exclusion</p>

