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1) Which of the following is not an operating system?

- a) Windows
- b) Linux
- c) Oracle
- d) DOS

2) What is the maximum length of the filename in DOS?

- a) 4
- b) 5
- c) 8
- d) 12

3) When was the first operating system developed?

- a) 1948
- b) 1949
- c) 1950
- d) 1951

4) When were MS windows operating systems proposed?

- a) 1994
- b) 1990
- c) 1992
- d) 1985

5) Which of the following is the extension of Notepad?

- a) .txt
- b) .xls
- c) .ppt
- d) .bmp

6) What else is a command interpreter called?

- a) prompt
- b) kernel
- c) shell
- d) command

7) What is the full name of FAT?

- a) file attribute table
- b) File allocation table

- c) Font attribute table
- d) Format allocation table

8) BIOS is used?

- a) By operating system
- b) By compiler
- c) By interpreter
- d) By application software

9) What is the mean of the Booting in the operating system?

- a) Restarting computer
- b) Install the program
- c) To scan
- d) To turn off

10) When does page fault occur?

- a) The page is present in memory.
- b) The deadlock occurs.
- c) The page does not present in memory.
- d) The buffering occurs.

11) Banker's algorithm is used?

- a) To prevent deadlock
- b) To deadlock recovery
- c) To solve the deadlock
- d) None of these

12) When you delete a file in your computer, where does it go?

- a) Recycle bin
- b) Hard disk
- c) Taskbar
- d) None of these

13) Which is the Linux operating system?

- a) Private operating system
- b) Windows operating system
- c) Open-source operating system
- d) None of these

14) What is the full name of the DSM?

- a) Direct system module





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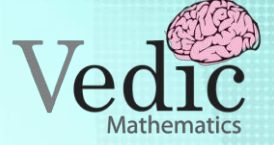
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- b) Direct system memory
- c) Demoralized system memory
- d) Distributed shared memory

**15) What is the full name of the IDL?**

- a) Interface definition language
- b) Interface direct language
- c) Interface data library
- d) None of these

**16) What is bootstrapping called?**

- a) Cold boot
- b) Cold hot boot
- c) Cold hot strap
- d) Hot boot

**17) What is the fence register used for?**

- a) To disk protection
- b) To CPU protection
- c) To memory protection
- d) None of these

**18) If the page size increases, the internal fragmentation is also?..?**

- a) Decreases
- b) Increases
- c) Remains constant
- d) None of these

**19) Which of the following is a single-user operating system?**

- a) Windows
- b) MAC
- c) Ms-Dos
- d) None of these

**20) The size of virtual memory is based on which of the following?**

- a) CPU
- b) RAM
- c) Address bus
- d) Data bus

**21) If a page number is not found in the translation lookaside buffer, then it is known as a?**

- a) Translation Lookaside Buffer miss
- b) Buffer miss
- c) Translation Lookaside Buffer hit
- d) All of the mentioned

**22) Which of the following is not application software?**

- a) Windows 7
- b) WordPad
- c) Photoshop
- d) MS-excel

**23) Which of the following supports Windows 64 bit?**

- a) Window XP
- b) Window 2000
- c) Window 1998
- d) None of these

**24) Which of the following windows does not have a start button?**

- a) Windows 7
- b) Windows 8
- c) Windows XP
- d) None of these

**25) Which of the following operating systems does not support more than one program at a time?**

- a) Linux
- b) Windows
- c) MAC
- d) DOS

**26) What is an operating system?**

- a) interface between the hardware and application programs
- b) collection of programs that manages hardware resources
- c) system service provider to the application programs
- d) all of the mentioned





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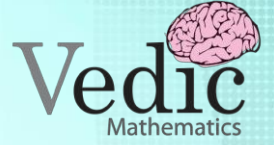
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**27) What is the main function of the command interpreter?**

- a) to provide the interface between the API and application program
- b) to handle the files in the operating system
- c) to get and execute the next user-specified command
- d) none of the mentioned

**28) In Operating Systems, which of the following is/are CPU scheduling algorithms?**

- a) Priority
- b) Round Robin
- c) Shortest Job First
- d) All of the mentioned

**29) To access the services of the operating system, the interface is provided by the \_\_\_\_\_**

- a) Library
- b) System calls
- c) Assembly instructions
- d) API

**30) CPU scheduling is the basis of \_\_\_\_\_**

- a) multiprogramming operating systems
- b) larger memory sized systems
- c) multiprocessor systems
- d) none of the mentioned

[View Answer](#)

**31) Which one of the following is not true?**

- a) kernel remains in the memory during the entire computer session
- b) kernel is made of various modules which can not be loaded in running operating system
- c) kernel is the first part of the operating system to load into memory during booting
- d) kernel is the program that constitutes the central core of the operating system

**32) Which one of the following errors will be handled by the operating system?**

- a) lack of paper in printer
- b) connection failure in the network
- c) power failure
- d) all of the mentioned

**33) Where is the operating system placed in the memory?**

- a) either low or high memory (depending on the location of interrupt vector)
- b) in the low memory
- c) in the high memory
- d) none of the mentioned

**34) If a process fails, most operating system write the error information to a \_\_\_\_\_**

- a) new file
- b) another running process
- c) log file
- d) none of the mentioned

**35) Which one of the following is not a real time operating system?**

- a) RTLinux
- b) Palm OS
- c) QNX
- d) VxWorks

**36) What does OS X have?**

- a) monolithic kernel with modules
- b) microkernel
- c) monolithic kernel
- d) hybrid kernel

**37) In operating system, each process has its own \_\_\_\_\_**

- a) open files
- b) pending alarms, signals, and signal handlers
- c) address space and global variables
- d) all of the mentioned

**38) In a timeshare operating system, when the time slot assigned to a process is completed, the process switches from the current state to?**







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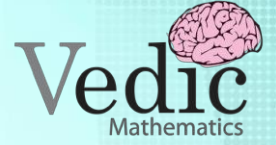
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- a) Suspended state
- b) Terminated state
- c) Ready state
- d) Blocked state

39) Cascading termination refers to the termination of all child processes if the parent process terminates \_\_\_\_\_

- a) Normally or abnormally
- b) Abnormally
- c) Normally
- d) None of the mentioned

40) When a process is in a "Blocked" state waiting for some I/O service. When the service is completed, it goes to the \_\_\_\_\_

- a) Terminated state
- b) Suspended state
- c) Running state
- d) Ready state

41) Transient operating system code is a code that \_\_\_\_\_

- a) stays in the memory always
- b) never enters the memory space
- c) comes and goes as needed
- d) is not easily accessible

42) The portion of the process scheduler in an operating system that dispatches processes is concerned with \_\_\_\_\_

- a) assigning ready processes to waiting queue
- b) assigning running processes to blocked queue
- c) assigning ready processes to CPU
- d) all of the mentioned

43) The FCFS algorithm is particularly troublesome for \_\_\_\_\_

- a) operating systems
- b) multiprocessor systems
- c) time sharing systems
- d) multiprogramming systems

44) For an effective operating system, when to check for deadlock?

- a) every time a resource request is made at fixed time intervals
- b) at fixed time intervals
- c) every time a resource request is made
- d) none of the mentioned

45) A deadlock avoidance algorithm dynamically examines the \_\_\_\_\_ to ensure that a circular wait condition can never exist.

- a) operating system
- b) resources
- c) system storage state
- d) resource allocation state

46) Swapping \_\_\_\_\_ be done when a process has pending I/O, or has to execute I/O operations only into operating system buffers.

- a) must never
- b) maybe
- c) can
- d) must

47) The main memory accommodates \_\_\_\_\_

- a) cpu
- b) user processes
- c) operating system
- d) all of the mentioned

48) The operating system and the other processes are protected from being modified by an already running process because \_\_\_\_\_

- a) every address generated by the CPU is being checked against the relocation and limit registers
- b) they have a protection algorithm
- c) they are in different memory spaces
- d) they are in different logical addresses

49) Using transient code, \_\_\_\_\_ the size of the operating system during program execution.

- a) maintains
- b) changes





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- c) increases
- d) decreases

50) The operating system maintains a \_\_\_\_ table that keeps track of how many frames have been allocated, how many are there, and how many are available.

- a) memory
- b) mapping
- c) page
- d) frame

