Operating System

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Vedic Mathematics

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) ile 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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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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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 handle 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 has?
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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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

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