MCQ on Operating System with Answers Pdf | OS MCQ with Answers :

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

(a) Windows

(b) Linux

(c) Oracle

(d) DOS

Answer: C

2. When was the first operating system developed?

(a) 1948

(b) 1949

(c) 1950

(d) 1951

Answer: C

3. 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

Answer: A

4. What is an operating system?

(a) collection of programs that manages hardware resources

(b) system service provider to the application programs

(c) interface between the hardware and application programs

(d) all of the mentioned

Answer: D

5. Which of the following Is not a part of the operating system?

(a) Input/output control program

(b) Job control program

(c) Supervisor

(d) Performance monitor

Answer: D

6. Where is operating system placed in the memory?

(a) in the low memory

(b) in the high memory

(c) either low or high memory (depending on the location of interrupt vector)

(d) none of the mentioned

Answer: C

7. Operating system is a collection of\_\_\_\_\_\_\_\_\_\_\_\_\_

(a) Software routines

(b) Input-output devices

(c) Hardware components

(d) All of these

Answer: A

8. In Operating Systems, which of the following is/are CPU scheduling algorithms?

(a) Round Robin

(b) Shortest Job First

(c) Priority

(d) All of the mentioned

Answer: D

9. What is the name of the operating system that reads and reacts in terms of actual time?

(a) Real time system

(b) Time sharing system

(c) Quick response system

(d) Batch system

Answer: A

10. Which one of the following errors will be handle by the operating system?

(a) power failure

(b) lack of paper in printer

(c) connection failure in the network

(d) all of the mentioned

Answer: D

11. To access the services of the operating system, the interface is provided by the\_\_\_\_\_\_\_\_\_\_\_

(a) System calls

(b) API

(c) Library

(d) Assembly instructions

Answer: A

12. The two steps the operating system takes to use a disk to hold its files are \_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_

(a) partitioning & logical formatting

(b) swap space creation & caching

(c) caching & logical formatting

(d) logical formatting & swap space creation

Answer: A

13. In operating system, each process has its own \_\_\_\_\_\_\_\_\_\_

(a) address space and global variables

(b) open files

(c) pending alarms, signals, and signal handlers

(d) all of the mentioned

Answer: D

14. Network operating system runs on\_\_\_\_\_\_\_\_\_\_\_

(a) server

(b) every system in the network

(c) both server and every system in the network

(d) none of the mentioned

Answer: A

15. The operating system \_\_\_\_\_\_\_ the links when traversing directory trees, to preserve the acyclic structure of the system.

(a) considers

(b) ignores

(c) deletes

(d) none of the mentioned

Answer:B

16. For real time operating systems, interrupt latency should be\_\_\_\_\_\_\_\_\_\_\_\_

(a) minimal

(b) maximum

(c) zero

(d) dependent on the scheduling

Answer: A

17. Two operating modes of AT are\_\_\_\_\_\_\_\_\_\_

(a) Direct mode, indirect mode

(b) Virtual mode, dedicated mode

(c) Private mode, public mode

(d) Real mode, protected mode

Answer: D

18. The operating system keeps a small table containing information about all open files called \_\_\_\_\_\_\_\_\_\_\_\_

(a) system table

(b) open-file table

(c) file table

(d) directory table

Answer: B

19. Which one of the following is a real time operating system?

(a) RTLinux

(b) VxWorks

(c) Windows CE

(d) All of the mentioned

Answer: D

20. Identify false Statements

(a) You can find deleted files in recycle bin

(b) You can restore any files in recycle bin if you ever need

(c) You can increase free space of disk by sending files in recycle bin.

(d) You can right click and choose Empty Recycle Bin to clean it.

Answer: C

21. Operating systems\_\_\_\_\_\_\_\_\_\_

(a) enables the programmer to draw a flow chart

(b) provides a layer, user friendly interface

(c) links a program with subroutine it references

(d) all of these

Answer: B

22. OS stands for\_\_\_\_\_\_\_\_\_\_\_\_\_\_

(a) Operating system

(b) Open Source

(c) Open System

(d) Operating Styling

Answer: A

23. The desktop operating system is also called a\_\_\_\_\_\_\_\_\_\_\_

(a) Single user operating system

(b) Client operating system

(c) Multi user operating system

(d) Embedded operating system

Answer: B

24. The systems which allow only one process execution at a time, are called as\_\_\_\_\_\_\_\_\_\_\_\_

(a) Uniprogramming systems

(b) Uniprocessing systems

(c) Unitasking systems

(d) None of the mentioned

Answer: B

25. An operating system that can do multitasking means that\_\_\_\_\_\_\_\_\_\_

(a) The OS can divide up work between several CPUs.

(b) Several programs can be operated concurrently

(c) Multiple people can use the computer concurrently

(d) All of the above

Answer: B

26. Which of the following is a database of information about the windows operating system including customized settings and software installations?

(a) Registry

(b) Changelog

(c) Performance Monitor

(d) None of the above

Answer: A

27. Example of open source operating system is\_\_\_\_\_\_\_\_\_\_

(a) Linux

(b) Windows

(c) Android

(d) DOS

Answer: A

28. UNIX operating system\_\_\_\_\_\_\_\_\_\_

(a) can run on PC’s and larger system

(b) is multitasking

(c) is multiuser

(d) all of these

Answer: D

29. Operating system is resident in memory of which part?

(a) Middle

(B) Lower

(C) Upper

(D) All of these

Answer: C

30. When the System processes data instructions without any delay is called as\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

(a) online system

(b) real-time system

(c) instruction system

(d) offline system

Answer : B

31. In Real time Operating systems are\_\_\_\_\_\_\_\_

(a) Primarily used on mainframe computers

(b) Used for monitoring events as they occur

(c) Used for program development

(d) Used for real time interactive users

Answer : B

32. In real time operating system is\_\_\_\_\_\_\_\_\_\_

(a) kernel is not required

(b) process scheduling can be done only once task

(c) must be serviced by its deadline period

(d) all processes have the same priority

Answer : C

33. The basic types of OS are\_\_\_\_\_\_\_\_\_\_

(a) batch and time sharing

(b) sequential and real time

(c) direct and interactive

(d) batch and interactive

Answer : D

34. In \_\_\_\_\_\_ OS, the response time is very critical.

(a) Multitasking

(b) Batch

(c) Online

(d) Real-time

Answer : D

35. In real time operating system \_\_\_\_\_\_\_\_\_\_\_\_

(a) all processes have the same priority

(b) a task must be serviced by its deadline period

(c) process scheduling can be done only once

(d) kernel is not required

Answer : B

36. What is the Real-time systems?

(a) Used for monitoring events as they occur

(b) Primarily used on mainframe computers

(c) Used for real-time interactive users

(d) Used for program development

Answer : A

37. For real time operating systems, interrupt latency should be\_\_\_\_\_\_\_\_\_

(a) minimal

(b) maximum

(c) zero

(d) dependent on the scheduling

Answer : A

38. VxWorks is centered around \_\_\_\_\_\_\_\_\_\_\_\_

(a) wind microkernel

(b) linux kernel

(c) unix kernel

(d) none of the mentioned

Answer: a

39. In Hard real time operating system has \_\_\_\_\_\_\_\_\_\_\_\_\_\_ jitter than a soft real time operating system.

(a) less

(b) more

(c) equal

(d) none of the mentioned

Answer : A

40. Which of the following is correct in real time?

(a) non-preemptive kernels

(b) preemptive kernels

(c) neither preemptive nor non-preemptive kernels

(d) preemptive kernels or non preemptive kernels

Answer : B

41. Which one of the following is a real time operating system?

(a) RTLinux

(b) VxWorks

(c) Windows CE

(d) All of the mentioned

Answer: D

42. The interrupt latency should be\_\_\_\_\_\_\_\_\_  for real time operating systems.

(a) maximum

(b) minimal

(c) dependent on the scheduling

(d) zero

Answer : B

43. Time required to synchronous switch from the context of one thread to the context of another thread is called?

(a) threads fly-back time

(b) jitter

(c) context switch time

(d) none of the mentioned

Answer: c

44. Interrupt latency refers to the period of time\_\_\_\_\_\_\_\_\_\_

(a) from the occurrence of an event to the arrival of an interrupt.

(b) from the occurrence of an event to the servicing of an interrupt

(c) from arrival of an interrupt to the start of the interrupt service routine

(d) none of the mentioned

Answer : C

45. In a real time system the computer results \_\_\_\_\_\_\_\_\_\_\_\_

(a) must be produced within a specific deadline period

(b) may be produced at any time

(c) may be correct

(d) all of the mentioned

Answer : A

46. The amount of memory in a real time system is generally\_\_\_\_\_\_\_\_\_\_\_

(a) less compared to PCs

(b) high compared to PCs

(c) same as in PCs

(d) they do not have any memory

Answer : A

47. In a\_\_\_\_\_\_\_\_\_\_\_ real time system, it is guaranteed that critical real time tasks will be completed within their deadlines.

(a) soft

(b) hard

(c) critical

(d) none of the mentioned

Answer: B

48. Type of processor in which single task of a particular application is process is termed as Select one\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

(a) real time processor

(b) dedicated processor

(c) applicant processor

(d) one task processor

Answer : B

49. The amount of memory in a real time system is generally\_\_\_\_\_\_\_\_\_\_\_\_

(a) less compared to PCs

(b) high compared to PCs

(c) same as in PCs

(d) they do not have any memory

Answer: A

50. Scheduling of tasks is a very important consideration in RTOS. Which of the following best described the scheduling policy design: Select one\_\_\_\_\_\_\_\_\_\_\_\_

(a) The scheduler must follow a pre-emptive policy

(b) The scheduler must not use pre-emptive policy option (c) The scheduler must not only use pre-emptive policy options with the priority considerations.

(d) The scheduler must not use pre-emptive policy option, but must employ priority consideration

Answer : D

51. Which of the following is an operating system?

I. Ubuntu

II. Linux

III. Unix

(a) Only I

(b) Only II and III

(c) All I, II and III

(d) No option is correct.

Answer: C

52. Example of open source operating system is\_\_\_\_\_\_\_\_\_\_\_\_

(a) Linux

(b) Windows

(c) Android

(d) DOS

Answer: A

53. Which of the following is a single-user operating system?

(a) MAC

(b) Ms-Dos

(c) Windows

(d) None of the above

Answer : B

54. Booting means\_\_\_\_\_\_\_\_\_\_\_

(a) Restarting computer

(b) Installing program

(c) Removing errors

(d) Switch off

Answer:  A

55. Selection of an operating system is known as\_\_\_\_\_\_\_\_\_\_\_

(a) Site selection

(b) Product selection

(c) Process selection

(d) Equipment selection

Answer: C

56. By operating system, the resource management can be done via\_\_\_\_\_\_\_\_\_

(a) time division multiplexing

(b) space division multiplexing

(c) both (a) and (b)

(d) none of the mentioned

Answer : C

57. If a process fails, most operating system write the error information to a\_\_\_\_\_\_\_\_\_\_

(a) log file

(b) another running process

(c) new file

(d) none of the mentioned

Answer : A

58. Which one of the following is not a real time operating system?

(a) VxWorks

(b) Windows CE

(c) RTLinux

(d) Palm OS

Answer : D

59. Which one of the following is not true?

(a) kernel is the program that constitutes the central core of the operating system

(b) kernel is the first part of operating system to load into memory during booting

(c) kernel is made of various modules which can not be loaded in running operating system

(d) kernel remains in the memory during the entire computer session

Answer : C

60. In a resident- OS computer, which of the following system software must reside in the main memory under all situations?

(a) Assembler

(b) Linker

(c) Loader

(d) Compiler

Answer: C

61. Command Interpreter is also known as\_\_\_\_\_\_\_\_\_\_\_

(a) Prompt

(b) Shell

(c) Command

(d) DOS Prompt

Answer: B

62. Which is not the function of the Operating System?

(a) Memory management

(c) Disk management

(c) Application management

(d) Virus Protection

Answer: D

63. A multiprocessing operating system cannot be implemented on hardware that does not support

(a) Address Translation

(b) DAM for disk transfer

(c) Demand paging

(d) All of the above

Answer: A

64. Who is called a supervisor of computer activity?

(a) Memory

(b) Operating System

(c) I/O Devices

(d) Control Unit

Answer: B

65. Which of the following Operating System does not implement multitasking truly?

(a) Windows 98

(b) Windows NT

(c) Windows XP

(d) MS DOS

Answer: D

66. The systems which allows only one process execution at a time, are called\_\_\_\_\_\_\_\_\_\_

(a) uni-programming systems

(b) uni-processing systems

(c) uni-tasking systems

(d) none of the mentioned

Answer: A

67. It is a set of instructions which controls the data, data storage and information.

(a) CPU

(b) Operating System

(c) Monitor

(d) Both A and B

Answer: B

68. The means of communication between a user and a computer using the input and output devices is called\_\_\_\_\_\_\_\_\_

(a) Mediator

(b) Source

(c) Bridge

(d) Interface

Answer: D

69. GUI and CUI are the two types of\_\_\_\_\_\_\_\_\_\_\_\_

(a) Operating System

(b) Hardware

(c) Text

(d) Interface

Answer: D

70. There is a need to remember the commands and the grammer of these commands thoroughly in\_\_\_\_\_\_\_\_\_\_\_\_\_

(a) CUI

(b) GUIc) GIF

(d) Both A and C

Answer: A

71. The function of Operating System is\_\_\_\_\_\_\_\_\_\_\_\_\_

(a) To get the information as input

(b) To display the result as output

(c) To manage and control all the parts of the computer

(d) All of these

Answer: D

72. MS DOS is an example of\_\_\_\_\_\_\_\_\_\_\_

(a) GUI

(b) CUI

(c) GIF

(d) TIFF

Answer: B

73. Linux, Windows, etc are the examples\_\_\_\_\_\_\_\_\_\_

(a) CUI

(b) GUI

(c) GIF

(d) None of these

Answer : B

74.  In …………….. the graphic objects helps the user to communicate with the computer.

(a) URL

(b) GIF

(c) CUI

(d) GUI

Answer: D

75. The abbreviation of CUI\_\_\_\_\_\_\_\_\_\_\_\_

(a) Chat Uniformly Interchange

(b) Character User Interface

(c) Consider Unlisted Information

(d) Checking Unlimited Information

Answer: B

76. GUI stands for\_\_\_\_\_\_\_\_\_\_\_\_

(a) Graphics User Interface

(b) Graphical User Interchange

(c) Graphics User Interchange

(d) Graphical User Interface

Answer: A

77. Linux and Windows are the two types of\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

(a) Input/output devices

(b) Protocols

(c) Sequential access memory

(d) Operating systems

Answer: D

78. DOS stands for\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

(a) Disk Operating System

(b) Direct Operating System

(c) Deleted Operating System

(d) Both A and B

Answer: A

79. This operating system was developed by an American company Microsoft\_\_\_\_\_\_\_\_\_\_\_\_\_

(a) MS Office

(b) Windows

(c) Linux

(d) Unix

Answer: B

80. Linux Operating System was developed by\_\_\_\_\_\_\_\_

(a) Charles Babbage

(b) Bill Gates

(c) Tim Berners Lee

(d) Linus Tarvalds.

Answer: D

81.  The abbreviation of OS is\_\_\_\_\_\_\_\_\_\_\_\_\_

(a) Our Solution

(b) One’s Safety

(c) Operating System

(d) Other’s Security

Answer: C