

1.1. _____ systems allow multiple remote users to run jobs on the computer at once, such as querying a big database.

- a. Batch
- b. Time sharing
- c. Transaction processing
- d. Multiprocessing

2.2. _____ refers to execution of multiple tasks (say processes, programs, threads etc.) at a time.

- a. Multiprogramming
- b. Multiprocessing
- c. Multitasking
- d. Multithreading

3.3. _____ instruction is used to switch from user mode of system to kernel mode.

- a. System calls
- b. Trap
- c. Move
- d. Switch

4.4. _____ systems handle large numbers of small requests such as check processing at a bank.

- a. Batch
- b. Time-sharing
- c. Transaction processing

d. Multiprocessing

5.5. A _____ system is one that processes routine jobs without any interactive user present such as claims processing in an insurance company.

- a. batch
- b. time sharing
- c. transaction processing
- d. multiprocessing

6.6. A computer running more than one program at a time is called _____ (like running Excel and Firefox simultaneously).

- a. Multiprogramming
- b. Multiprocessing
- c. Multitasking
- d. Multithreading

7.7. A computer using more than one CPU at a time is called _____.

- a. Multiprogramming
- b. Multiprocessing
- c. Multitasking
- d. Multithreading

8.8. 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

9.9. In any modern operating system, the CPU is actually spending time in ----- modes.

- a. 1
- b. 2
- c. 3
- d. 4

10. 10. Operating system lies -----

- a. below software and hardware
- b. above software and hardware
- c. between software and hardware
- d. none of the mentioned

11. 11. The operating systems installed in printer are ----- operating system.

- a. personal
- b. handhelds
- c. embedded
- d. sensor node

12. 12. The operating systems installed on our personal computer or laptops are ----- operating system.

- a. personal
- b. handhelds

- c. embedded
- d. sensor node

13. 13. The operating systems installed on PDA (Personal Digital Assistant) are _____ operating system.

- a. personal
- b. handhelds
- c. embedded
- d. sensor node

14. 14. To access the services of operating system, the interface is provided by the _____.

- a. system calls
- b. API
- c. library
- d. assembly instructions

15. 15. What is operating system?

- a. Collection of programs that manages hardware resources.
- b. System service provider to the application programs.
- c. Link to interface the hardware and application programs.
- d. All of the mentioned.

16. 16. What is the name given to the organized collection of software that controls the overall operation of a computer?

- a. Working system
- b. Peripheral system
- c. Operating system
- d. Controlling system

17. 17. Which are the different resources that can be managed by an operating system?

- a. Central processing unit
- b. Computer memory
- c. Input/Output (I/O) devices
- d. All of the mentioned

18. 18. Which are the two different modes of operation of computer?

- a. User and Kernel
- b. Trap and System call
- c. User and System
- d. User and Admin

19. 19. Which one of the following error 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

20. 20. Which one of the following is not true?

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

21. 21. Which operating system runs on macbook?

- a. Android
- b. Mac OS
- c. Linux
- d. Ubuntu

22. 22. Which operating system runs on iphone?

- a. Mac OS
- b. Android
- c. Linux
- d. iOS

23. 23. If a process fails, most operating system write the error information to a -----'

- a. another running process
- b. new file
- c. log file
- d. parent file

24. 24. Server operating systems provides _____ services.

- a. print services
- b. file service
- c. web service
- d. all of the mentioned

25. 25. Server operating system handles the incoming requests from_____

- a. other server
- b. internet
- c. clients
- d. none of above

26. 26. PDA stands for

- a. Personal Dairy Assistant
- b. Personal Dual Assistant
- c. Pure Digital Assistant
- d. Personal Digital Assistant

27. 27. TinyOS is an example of _____

- a. Embedded operating systems
- b. Handhelds computer operating systems
- c. Sensor node operating systems
- d. Personal computer operating systems

28. 28. Smallest OS run on smart cards which are credit card sized devices containing CPU chip is called _____

- a. Small card operating systems
- b. Smart card operating systems
- c. Nano card operating systems
- d. Card operating systems

29. 29. Dual mode of operating system has

- a. 1 mode
- b. 2 mode
- c. 3 mode
- d. 4 mode

30. 30. Multiprocessor system have advantage of

- a. Increased Throughput
- b. Expensive hardware
- c. Operating System
- d. Both A and B

31. 31. Multiprogramming of the computer system increases

- a. Memory
- b. Storage
- c. CPU utilization
- d. None of above

32. 32. Example of an open-source operating system is

- a. UNIX
- b. Linux
- c. Windows
- d. Both A and B

1.B

2.C

3.B

4.C

5.A

6.A

7.B

8.C

9.B

10.C

11.C

12.A

13.B

14.A

15.D

16.C

17.D

18.A

19.D

20.C

21.B

22.D

23.C

24.D

25.C

26.D

27.C

28.B

29.B

30.A

31.C

32.B

Confused in any answer? Check on google or ChatGPT 😊