

# Introduction to OS MCQs

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

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2. 2. \_\_\_\_\_ refers to execution of multiple tasks (say processes, programs, threads etc.) at a time.

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

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3. 3. \_\_\_\_\_ instruction is used to switch from user mode of system to kernel mode.

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

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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

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**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

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**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

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**7. 7. A computer using more than one CPU at a time is called \_\_\_\_\_.**

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

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**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

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**9. 9. In any modern operating system, the CPU is actually spending time in \_\_\_\_\_ modes.**

- a. 1
- ☒ b. 2
- c. 3
- d. 4

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**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

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**11. 11. The operating systems installed in printer are \_\_\_\_\_ operating system.**

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

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**12. 12. The operating systems installed on our personal computer or laptops are \_\_\_\_\_ operating system.**

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

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**13. 13. The operating systems installed on PDA (Personal Digital Assistant) are \_\_\_\_\_ operating system.**

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

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**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

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**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.

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**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

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**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

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**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

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**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

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**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

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**21. 21. Which operating system runs on macbook?**

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

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**22. 22. Which operating system runs on iphone?**

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

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**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

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**24. 24. Server operating systems provides \_\_\_\_\_ services.**

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

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**25. 25. Server operating system handles the incoming requests from\_\_\_\_\_**

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

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**26. 26. PDA stands for**

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

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**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

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**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

Show Answer

**29. 29. Dual mode of operating system has**

a. 1 mode

☒ b. 2 mode

c. 3 mode

d. 4 mode

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**30. 30. Multiprocessor system have advantage of**

☒ a. Increased Throughput

b. Expensive hardware

c. Operating System

d. Both A and B

Show Answer

**31. 31. Multiprogramming of the computer system increases**

a. Memory

b. Storage



☒ c. CPU utilization

☐ d. None of above

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

☐ a. UNIX

☒ b. Linux

☐ c. Windows

☐ d. Both A and B

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

☐ a. UNIX

☐ b. Linux

☐ c. Windows

☐ d. Both A and B

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