

1. Kernel mode of operating system runs when mode bit is

Answer

A. 1

**B. 0 Correct Answer**

C. x

D. undefined

2. Dual mode of operating system has

A. 1 mode

**B. 2 modes Question 2 - Correct Answer**

C. 3 modes

D. 4 modes

3. Multi-processor system gives a

A. Small system

**B. Tightly coupled system Correct Answer.**

C. loosely coupled system

D. Macro system

4. Multiprocessor systems have advantage of

**A. Increased Throughput Correct Answer**

B. Expensive hardware

C. Operating system

D. Both a and b

5. Multiprogramming of computer system increases

A. Memory

B. Storage

C. CPU utilization Correct Answer

D. Cost of computation

6. Example of open source operating system is

A. UNIX

B. Linux

C. Windows

D. Both a and b Correct Answer

7. Main memory of computer system is known to be

A. Non volatile

B. Volatile Correct Answer

C. Reserved

D. Restricted

8. In asymmetric clustering other machines perform operations while one machine is in

A. Hot standby mode Correct Answer

B. Standby mode

C. Reset mode

D. Undefined mode

9. Ability to continuously providing service proportional to level of surviving hardware

A. Graceful upgradation

B. Degradation

C. Upgradation

D. Graceful degradation Correct Answer

10. Secondary memory of computer system is also said to be

A. Non-volatile Correct Answer

B. Volatile

C. Reserved

D. Small

11. User view of system depends upon the

A. CPU

B. Software

C. Hardware

D. Interface Correct Answer

12. Memories are normally classified according to their

A. Speed

B. Cost

C. Indexes

D. Both a and b Correct Answer

13. Multi-processing systems of computer system are of

A. Two types Correct Answer

B. Three types

C. Four types

D. Five types

14. Kernel mode of operating system is also called

A. User mode

B. Both A and D

C. Supervisor mode Correct Answer

D. Data mode

15. Which of one the following is not a type of multiprocessor of computer system

A. Dual core

B. Blade server

C. Clustered system

D. Single core Correct Answer

16. Instructions that are requested by system are first

A. Fetched Correct Answer

B. Decoded

C. Executed

D. Deleted

17. After fetching an instruction, computer performs

A. Storage

B. Decoding Correct Answer

C. Execution

D. Evaluation

18. More devices can be connected to computer system through

A. Buffers

B. Interrupt

C. Registers

D. Controllers Correct Answer

19. Secondary memory of computer system is able to store

A. Programs and processes

B. Data and processes

C. Instructions

D. Data and instructions Correct Answer

20. Which of the following is not an operating system mode in which the hardware starts in at the boot time:

A. User mode Correct Answer

B. Kernel mode

C. Supervisor mode

D. System mode

21. A software generated interrupt caused by an error during program execution in the CPU is called

A. A trap Correct Answer

B. A program

C. A process

D. A malware

22. DMA is part of computer system which is an abbreviation of

A. Dynamic memory address

B. Direct memory access Correct Answer

C. Dynamic memory access

D. Direct memory address

23. Memories that lose their contents when power of computer system is turned off are called

A. Non-volatile

B. Volatile Correct Answer

C. Reserved

D. Large

24. All components of computer system are connected through

A. Cache

B. Registers

C. Path

D. Bus Correct Answer

25. Symmetric multiprocessing in computer system does not use

A. Boss relationship

B. Worker relationship

C. Boss worker relationship Correct Answer

D. Serial processing

26. An executed program of computer system is called:

A. Trap

B. Process Correct Answer

C. Program

D. Interrupt

27. Response time in time sharing of operating system is usually

A. 1 sec

B. 1 sec

C. Less than 1 sec Correct Answer

D. More than 1sec

28. Loading of operating system at start is also called

A. Versatile machine

B. Clouding

C. Versatile memory

D. Booting Correct Answer

29. Initial program that run for starting system is known to be

- A. Virtualization
- B. Control program

C. Bootstrap program Correct Answer

D. Compilers

30. In symmetric multiprocessing of computer system all processors are

A. Peers Correct Answer

- B. Parallel
- C. Master slave
- D. Serial

31. Load instruction that are requested moves

A. From memory Correct Answer

- B. To memory
- C. In memory
- D. On memory

32. Clustering system can be

- A. Symmetric
- B. Asymmetric
- C. Serially

D. Both a and b Correct Answer

33. 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 Correct Answer

34. What is operating system?

- A. Collection of programs that manages hardware resources
- B. Link to interface the hardware and application programs
- C. System service provider to the application programs
- D. All of the above mentioned Correct Answer

35. A process is which of the following type of entity.

- A. Active Correct Answer
- B. Passive
- C. Moral
- D. Blocked