# Multiple Choices Static

1. \_\_\_\_\_\_\_\_\_\_\_\_\_ is a classification for software that provides services above the operating system layer and below the application program layer.

A. Hardware

B. Software

C. Middleware

D. Coreware

<Answer: C>

Topic: System Software

Difficulty: Medium

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2. \_\_\_\_\_\_\_\_\_\_\_\_ provides the user the most efficient way of using the computer hardware.

A. Real-time processing

B. Batch processing

C. Parallel processing

D. Block processing

<Answer: B>

Topic: System Software

Difficulty: Easy

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# True/False

3. SPOOLing is the simplest form of multiprogramming.

<Answer: True>

Topic: System Software

Difficulty: Medium

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# Multiple Choices Static

4. \_\_\_\_\_\_\_\_\_\_\_ share a single centralized memory for security reasons.

A. Tightly coupled multiprocessors

B. Loosely coupled multiprocessors

C. Coupled multiprocessors

D. Non-coupled multiprocessors

<Answer: A>

Topic: System Software

Difficulty: Medium

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5. The \_\_\_\_\_\_\_\_\_\_\_\_\_ is the core of the operating system.

A. kernel

B. kernet

C. kern

D. kernt

<Answer: A>

Topic: System Software

Difficulty: Medium

Page: 503

6. The user interface is a program, or small set of programs, that constitutes the \_\_\_\_\_\_\_\_\_\_\_\_\_.

A. display management

B. display manager

C. displayed manager

D. device manager

<Answer: B>

Topic: System Software

Difficulty: Medium

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7. \_\_\_\_\_\_\_\_\_\_\_ allows multiple processes to run concurrently.

A. Multiprogramming

B. Multitasking

C. Multiprocessing

D. Multischeduling

<Answer: B>

Topic: System Software

Difficulty: Medium

# True/False

8. Virtual machine is the real hardware of the real computer that is controlling the program.

<Answer: True>

Topic: System Software

Difficulty: Medium

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9. Absolute code is non-executable binary code that must always be loaded at a particular location in memory.

<Answer: False>

Topic: System Software

Difficulty: Medium

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# Multiple Choices Static

10. \_\_\_\_\_\_\_\_\_\_\_\_ delays binding process; still, the process is actually running.

A. Time binding

B. Run-time binding

C. Late binding

D. Book binding

<Answer: B>

Topic: System Software

Difficulty: Medium

Page: 401

11. \_\_\_\_\_\_\_\_\_\_\_\_\_ gives the programmer direct access to the machine architecture assembly.

A. Language

B. Program

C. Software

D. Coding

<Answer: A>

Topic: System Software

Difficulty: Medium

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# True/False

12. Interpreted languages also have a many-to-many relationship between the source code statements and executable machine instructions.

<Answer: False>

Topic: System Software

Difficulty: Medium

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# Multiple Choices Static

13. \_\_\_\_\_\_\_\_\_\_ was the programming language best chosen for personal computer systems.

A. BASIC

B. Cobol

C. Fortran

D. Pascal

<Answer: A>

Topic: System Software

Difficulty: Medium

Page: 527

# True/False

14. In Java, deallocation of heap memory is referred to as garbage collection, which is done by the JVM automatically.

<Answer: True>

Topic: System Software

Difficulty: Medium

Page: 528

15. To speed up the performance of the java software, Java’s Just-In-Time (JIT) compiler is used.

<Answer: True>

Topic: System Software

Difficulty: Medium

Page: 533

16. Groups of interrelated programs that work together as an integrated whole are called application systems.

<Answer: True>

Topic: System Software

Difficulty: Medium

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17. The goal of database management systems is to provide timely and easy access to a large volume of data efficiently.

<Answer: True>

Topic: System Software

Difficulty: Medium

Page: 536

# Multiple Choices Static

18. \_\_\_\_\_\_\_\_\_\_\_\_ is a program that can be processed without human interaction.

A. Resident monitor

B. Residue monior

C. Resisult monitor

D. Report monitor

<Answer: A>

Topic: System Software

Difficulty: Medium

Page: 497

# True/False

19. Real-time systems are used for process control in manufacturing plants, assembly lines, robotics, and complex physical systems.

<Answer: True>

Topic: System Software

Difficulty: Medium

Page: 500

# Multiple Choices Static

20. Operating system user interfaces are divided into two general categories: \_\_\_\_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_\_\_\_.

A. Command line interfaces, graphical user interfaces

B. Command line interfaces, graphical used interfaces

C. Command lined interfaces, graphical user interfaces

D. Command line interfaces, graphics user interfaces

<Answer: A>

Topic: System Software

Difficulty: Medium

Page: 504

21. A \_\_\_\_\_\_\_\_\_\_\_ is the smallest schedulable unit in a system.

A. thread

B. packet

C. segment

D. sector

<Answer: A>

Topic: System Software

Difficulty: Easy

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# True/False

22. The Windows VMM is a subsystem that starts when Windows is booted.

<Answer: True>

Topic: System Software

Difficulty: Medium

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# Multiple Choices Static

23. The final output of most assemblers is a stream of \_\_\_\_\_\_\_\_\_\_\_ binary instructions.

A. locatable

B. traceable

C. relocatable

D. reloadable

<Answer: C>

Topic: System Software

Difficulty: Medium

Page: 517

# True/False

24. The output of a compiler must pass through a link editor before it can be executed on the target system.

<Answer: True>

Topic: System Software

Difficulty: Medium

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# Multiple Choices Static

25. DLL means

A. dynamic linked libraries

B. dynamic link list

C. dynamic link libraries

D. direct link libraries

<Answer: C>

Topic: System Software

Difficulty: Medium

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# True/False

26. The semantic analyzer makes appropriate data-type promotions.

<Answer: True>

Topic: System Software

Difficulty: Difficult

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# Multiple Choices Static

27. BASIC stands for

A. Beginners All-purpose Symbolic Instruction Code

B. Beginners All-programming Symbolic Instruction Code

C. Beginners All-purpose Symbolic Instruction Coding

D. Basic All-purpose Symbolic Instruction Code

<Answer: A>

Topic: System Software

Difficulty: Medium

Page: 526

28. The output from the Java compiler is a binary class file that is executed by a \_\_\_\_\_\_\_\_\_\_\_\_\_.

A. Java Virtual Machine

B. operating system

C. compiler

D. assembler

<Answer: A>

Topic: System Software

Difficulty: Medium

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# True/False

29. Java programs are stored in an intermediate code called bytecod.e

<Answer: True>

Topic: System Software

Difficulty: Easy

Page: 528

# Multiple Choices Static

30. Java \_\_\_\_\_\_\_\_\_\_\_\_ bytecode runs in browsers that are used for Web-based transactions and e-commerce.

A. Applets

B. serve let

C. JVM

D. J2EE

<Answer: A>

Topic: System Software

Difficulty: Medium

Page: 533

31. The communications management component of CICS controls interactions, called \_\_\_\_\_\_\_\_\_\_\_\_\_\_ , between dumb terminals and a host system.

A. conversations

B. conversions

C. connections

D. conditions

<Answer: A>

Topic: System Software

Difficulty: Easy

Page: 540

32. A program called the \_\_\_\_\_\_\_\_\_\_\_ is the pivotal component of the system that contains list of users and their authorization.

A. transaction processing monitor

B. JP monitor

C. PROCESS MONITOR

D. transaction processor

<Answer: A>

Topic: System Software

Difficulty: Difficult

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# True/False

33. Operating systems provide a necessary set of functions allowing software packages to control the computer’s hardware.

<Answer: True>

Topic: System Software

Difficulty: Easy

Page: 496

34. A timesharing system doesn’t permit the systems to be accessed by multiple concurrent users.

<Answer: False>

Topic: System Software

Difficulty: Medium

Page: 498

# Multiple Choices Static

35. GUI means

A. Graphical User Interface

B. Graphical User Interface

C. Graphical United Interface

D. Graphical User Information

<Answer: A>

Topic: System Software

Difficulty: Easy

Page: 502

36. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ processes the allocated processor resources in the order in which they are requested.

A. First-come, first-served scheduling

B. Round robin scheduling

C. Last in first scheduling

D. Shortest job first scheduling

<Answer: A>

Topic: System Software

Difficulty: Easy

Page: 506

37. The MS-DOS operating system uses a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ extension for non relocatable code and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_extension for relocatable code.

A. COM , .EXE

B. cls, exe

C. app, exe

D. com, exs

<Answer: A>

Topic: System Software

Difficulty: Easy

Page: 518

38. Syntax analysis, or parsing, of the token stream involves creation of a data structure called a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

A. parse tree

B. semantic tree

C. purse tree

D. data tree

<Answer: A>

Topic: System Software

Difficulty: Medium

Page: 525

39. The mantra of computer language \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is “write once, run anywhere.”

A. BASIC

B. Cobol

C. Fortran

D. Java

<Answer: D>

Topic: System Software

Difficulty: Medium

Page: 527

40. Java class contains a type of symbol table called a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

A. constant pool

B. driver pool

C. compiler pool

D. control pool

<Answer: A>

Topic: System Software

Difficulty: Difficult

Page: 528

# True/False

41. Related records collectively form the database.

<Answer: False>

Topic: System Software

Difficulty: Medium

Page: 536

# Multiple Choices Static

42. Transactions done through desktop or mobile personal computers are known as a

A. n-tiered architecture

B. 1-tiered architecture

C. 3-tiered architecture

D. 2-tiered architecture

<Answer: C>

Topic: System Software

Difficulty: Difficult

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