

1. Which of the following language differs the case of alphabets?
 - (a) Fortran
 - (b) Basic
 - (c) C
 - (d) All of the Above

2. On what platform is multithreading supported?
 - (a) IDL 5.5
 - (b) IDL 5.6
 - (c) Support on all platform
 - (d) None of these

3. First version of UNIX was written by:
 - (a) Dennis Ritchie
 - (b) Andrew S.
 - (c) Ken Thompson
 - (d) None of these

4. Which of the following is used with databases?
 - (a) Data Mining
 - (b) EDI
 - (c) Credit Cards
 - (d) All of the Above

5. An assembler is a
 - (a) Program
 - (b) Symbol
 - (c) Language
 - (d) None of these

6. DOS:
 - (a) 16 bit operating system
 - (b) It is software
 - (c) It has directory net capability
 - (d) All of above

7. Most data communications involving telegraph lines use:
 - (a) Simplex Lines
 - (b) Wideband Channel
 - (c) Narrowband Channel
 - (d) Dialed Service

8. Which scheme are used for mapping host names and email destinations to IP Addresses?
 - (a) DNS
 - (b) TCP/IP

- (c) TELNET
- (d) RARP

9. Packet transmission is related to:

- (a) Application Layer
- (b) Datalink Layer
- (c) Network Layer
- (d) Transport Layer

10. Which is not a linear structure?

- (a) Array
- (b) LinkList
- (c) Stack
- (d) Tree

11. Shortest Remaining Time Next Scheduling may be implemented

- (a) Preemptive
- (b) Non-preemptive
- (c) Both
- (d) None

12. Feature of distributed operating system?

- (a) RealTime
- (b) Single Tasking
- (c) Transparency
- (d) All of the above

13. Disadvantage of Linear Sequential Model:

- (a) Changes can cause confusion
- (b) Time Confusing
- (c) Both
- (d) None

14. MPEG is used for

- (a) Audio
- (b) Video
- (c) Both
- (d) None of these

15. A template can be used to create a family of

- (a) Classes
- (b) Functions
- (c) Class and function
- (d) All

16. Which doesn't belong to CFG?

- (a) Terminal Symbol
- (b) Non-terminal Symbol
- (c) Start Symbol

(d) End Symbol

17. Which printers can't print graphics?

- (a) Ink-Jet
- (b) Daisywheel
- (c) Laser
- (d) Dot-matrix

18. Which layer is not present in OSI model?

- (a) Physical Layer
- (b) Internet Layer
- (c) Network Layer
- (d) Transport Layer

19. Which is input device?

- (a) DVD
- (b) Trackball
- (c) Digitizers
- (d) All of above.

20. S/w quality metrics like productivity metrics focus on the

- (a) Process
- (b) Project
- (c) Product
- (d) All

21. Normalization is a process of restructuring a relation to

- (a) minimize duplication of data in a database.
- (b) maximize duplication of data to ensure reliability
- (c) make it of uniform size
- (d) allow addition of data

22. Output of C statement: $7.5\%3=?$

- (a) 1.5
- (b) 1
- (c) 2
- (d) No Output

23. Telephone is an example of

- (a) Circuit Switching
- (b) Packet Switching
- (c) Message Switching
- (d) None of these.

24. Logic used to analyze an atomic statement

- (a) Boolean
- (b) Predicate
- (c) Propositional
- (d) All of these

25. The basic logic operation is:
- (a) AND
 - (b) NOR
 - (c) NAND
 - (d) XOR
26. A tree structured file directory system:
- (a) allows easy storage and retrieval of file names
 - (b) is a much debated un-necessary feature
 - (c) is not essential when we have millions of files
 - (d) All of above
27. Scope resolution operator usually:
- (a) specifies a particular task
 - (b) one base class and more than one derived class
 - (c) resolve ambiguities
 - (d) All
28. Person is:
- (a) Object
 - (b) Class
 - (c) Attribute
 - (d) Structure
29. Zero has two representations in
- (a) sign magnitude
 - (b) 1's complement
 - (c) 2's complement
 - (d) All
30. A relation is in 1 NF if
- (a) there is no duplication of data
 - (b) there are no composite attributes in the relation
 - (c) there are only a few composite attributes
 - (d) all attributes are of uniform type

Answers:

1. (c) 2. (c) 3. (c) 4. (a) 5. (a) 6. (d) 7. (c) 8. (a) 9. (c) 10. (d) 11. (c) 12. (c) 13. (c) 14. (c) 15. (c) 16. (d) 17. (b) 18. (b) 19. (d) 20. (d) 21. (a) 22. (d) 23. (a) 24. (b) 25. (a) 26. (a) 27. (a) 28. (b) 29. (a) 30. (b)