

Tech Mahindra Model Questions & Answers



Q1. The switch statement is used in programming as a replacement for multiple _____ statements.

- A. If
- B. while
- C. for
- D. do

Answer: A

Q2. Which of the following is the correct variable declaration to store a 3 by 3 matrix of BMI measurements of 9 patients, e.g. 22, 28.2, 23, 26.5, etc?

- A. `int bmi[3][3];`
- B. `long bmi[3][3];`
- C. `float bmi[3][3];`
- D. `float bmi[3,3];`

Answer: C

Q3. Which of the following is the production/platform used to abstract hardware to create an illusion of running multiple machines?

- A. VMWare
- B. Linux
- C. Hadoop
- D. MachineWare

Answer: B

Q4. In case of RDBMS, how many primary keys can be defined for each table?

- A. One for every column
- B. One for every row
- C. Only one
- D. Upto 5

Answer: C

Q5. Which of the following is abstracted by an operating system?

- A. Hardware
- B. Users
- C. Applications
- D. All the above

Answer: A

Q6. Why typically a long program is divided into smaller functions or procedures?

- A. To increase performance

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- B. For better re-usability
- C. Some languages make it mandatory
- D. None of the above

Answer: B

Q7. What is spyware?

- A. Software written in Python
- B. It makes downloading images from emails safe
- C. A virus like software that sends your private data to crooks
- D. Hidden cameras or CCTV's

Answer: C

Q8. A terabyte comprises

- A. 1024 KB
- B. 1000 GB
- C. 1024 MB
- D. 1024 GB

Answer: D

Q9. Which SQL command is used to change the data in the rows of a database table?

- A. Update
- B. Modify
- C. Alter
- D. Delete

Answer: C

Q10. If you want to connect to your own computer through the internet from another location which program can you use?

- A. Telnet
- B. Ping
- C. HTML
- D. CMD

Answer: A

Q11. Which of the following tools is used to allow multiple programmers to work efficiently on the same project without duplication or inconsistencies?

- A. GIT
- B. Windows
- C. JDK
- D. Junit

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Answer: A

Q12. What is the characteristic of a program which makes it easier to add more features to it in future?

- A. Scalability
- B. Extensibility
- C. Reusability
- D. Performance

Answer: A

Q13. How do you ensure that the password for an important website is kept secure?

- A. Allow the browser to store it
- B. Use a very long password
- C. Write it down in a safe place
- D. None of the above

Answer: B

Q14. Which of the following protocols is used by the web servers to serve web pages in a secure manner?

- A. HTTPS
- B. HTTP
- C. STP
- D. TCP/IP

Answer: A

Q15. The default storage class of a local variable in C programming language is

- A. register
- B. auto
- C. static
- D. extern

Answer: B

Q16. What is the type of error called when the program runs but does not give the expected output?

- A. compiler-error
- B. semantic error
- C. run-time error
- D. Exception

Answer: B

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Q17. Which programming construct is used to repeat a block of code when the number of iterations is known in advance?

- A. if
- B. while
- C. for
- D. Switch

Answer: C

Q18. LINKEDIN is _____

- A. Operating System
- B. Social networking site
- C. Web browser
- D. Search Engine

Answer: B

Q19. A valid grouping of letters, symbols, and numbers being used to represent the value of one or more variables is known as

- A. Class
- B. Expression
- C. Statement
- D. Object

Answer: A

Q20. In a programming language, multi-threading feature is useful for

- A. Dividing a long program into smaller sections
- B. Running different parts of a program at the same time
- C. Running multiple programs at the same time
- D. Running same program by multiple users

Answer: B

Q21. What is the browser feature useful to add functionality to the Chrome browser by third-parties ?

- A. Bookmarks
- B. Favourites
- C. plugin
- D. applets

Answer: C

Q22. In a relational database, which of the following features is useful in faster access to data?

- A. Cataloging

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- B. Sorting
- C. Indexing
- D. Encryption

Answer: A

Q23. Which of the following is used to define the visual aspect of web page separately from the content? <https://www.freshersnow.com/placement-papers-download/>

- A. CSS
- B. HTML
- C. DHTML
- D. Javascript

Answer: A

Q24. Which of the following means information hiding in OOPs?

- A. Abstraction
- B. Inheritance
- C. Encapsulation
- D. Polymorphism

Answer: A

Q25. _____ is a piece of information specific to the user stored by a website on user's machine

- A. Pointer
- B. Token
- C. Cookie
- D. URL

Answer: C