CS-101 - Virtual University CS-504 Short Question Preparation

Q1. What are the steps of working of TCP and IP protocols in internet transmission?

Ans 1: TCP divide messages in to many packets (capsulation) and sent these messages over the internet and IP route these messages on the internet to the correct destination and upon reaching the messages on its destination the messages are encapsulated.

Q2. What are the important properties, methods and event handlers of image object?

Ans 1: The primary use of the image object is to download an image into the cache before it is needed to display , image object can be used to create different kinds of animations or to display one of several images based on the desired requirement , in java script image object can be used to display the required pre loaded image

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Q3. What was the obstacle to the construction of analytical engine?

Ans 1: Charles Babbage had huge difficulties raising money to fund his research. As a last resort, he designed a clever mathematical scheme along with Ada, the Countess of Lovelace. It was designed to increase their odds while gambling. They bet money on horse races to raise enough money to support their research experiments Guess what happened at the end? The lost every penny that they had.

Q4. How marketing strategies are changed with the progress in computing? How new marketing strategies are implemented?

Ans 1: Marketing Strategy Changes with the new requirements of the modern era and the applications of the business. The web has changed marketing strategy from a mass focus to single person focus. We collected data and analyze accordingly to find out the behavior of the market and end users. In new marketing more advertising is being done through email and web and get feedback.

Q5. What is the problem with Relational Database and what solution you can suggest for it?

Ans 1: when we use to store object oriented data into a Relational database it need to be translated in form which is suitable for the relational database.
Again when we need to read RDBMs the Data need again back to be translated into object oriented form to read.
This two process delay associated processing and time spent in writing and maintaining the translation codes are the key disadvantage with Relational Database
Solution.
Object oriented database
Object Relational database
The data should be divided and save in multiple table and tabular form ,so that open ,searching .sorting ,editing and saving of data can be performed quickly. With tabular form one can sort w.r

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Q6. Differentiate Local and Global Variables.

Ans 1: Local variables are the variables have limited scope while global have bigger scope Local variables are not accessed by

others while global is accessible to every one Local variable used by single user while global variable can be used by different users at time from all around.

Q7. What does TCP/IP stand for?

Ans 1: TCP stand for Transmission Control Protocol
IP stands for Internet Protocol

Q8. What is internet?

Ans 1: Internet is also called WAN, which means the interconnection of large number of computer networks and it consists of millions of private, public, academic, business, and government networks of local to global scope that are linked by a broad array of electronic and optical networking technologies.

Q9. Differentiate between onLoad and onUnload

Ans 1: Onload event is used when the page is load in the browser while on the other side.

Ans 2: onUnload event works when the page closes down.

Q10. What is Structured Vector Graphics ?

Ans 1: This is a plug-in that is required to view swf (flash) files in the web browser

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