

CS-101 - Virtual University CS-301 Short Question Preparation

Q1. What is a Relational Database? Give the names of any three RDBMS software.

Ans 1: Database architecture consists of three levels, external, conceptual and internal. Clearly separating the three levels was a major feature of the relational database. NAMES: Oracle Database software, Linux, and oracle e business database software , and Oracle OLAP.

Q2. What kind of new jobs are created because of computing? And which old professions are being eliminated?

Ans 1: Due to computing where people are getting benefits from automated systems on the other hand the people that are with KHATA system or Manual system and they don't know about computers are eliminated due to this reason and people take place of many people. We can see in the offices where before computer if there are four person required now only one person is required for example with the help of database we can store more than thousand of information and only one person is managing the whole data that is DBA. In the old system many people are writing the data in registers and then its also very difficult to find the specific record

Q3. What do you mean by FTP or File Transfer Protocol?

Ans 1: This protocol is used to upload and download the files on remote computers.

Q4. 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

Q5. What is animated gif? How can we use it? If we animate images in JavaScript then is it better?

Ans 1: It is bit mape image format introduced in 1987by compuserve.It support up to 8 bits per pixel.It also support animation And allow a separate palette of 256 colors for each frame. Uses: We can use it in web site they are suitable for sharp edged line art with limited number of colors. They are good for small animation and low resolution clips. The size is small and on web site they can uploaded and downloaded easily

Q6. What are Trojan Horses?

Ans 1: Trojan horses are a kind of cyber crime, they are v harmful to computer because they are stand alone program and the look like what they are not like any thing amusing or not harmless like games..

Q7. What is ICMP?

Ans 1: ICMP is the "Internet Control Message Protocol". ICMP packets are small packets used in local networks and on the

Internet, most typically, for network troubleshooting and problem location.

Q8. What is a packet in the network environment? What kind of information does it contain?

Ans 1: • Packet is data chopped up into pieces in a network environment.

- These packets contain information about which computer sent the data and where the data is going.
 - If a packet runs into a problem during its trip, it can attempt to find another route. When all the packets get where they are going, the recipient computer puts them together again.
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Q9. 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.

Q10. 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.
