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

Q1. 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.

Q2. Elaborate Vector or Object oriented graphics with atleast one example.

Ans 1: Treats everything that is drawn an object. Objects retain their identity after their drawn. These objects can later be easily moved stretched duplicated deleted etc are resolution independent relatively small size. e. g. swf, wmf,

Q3. What is the difference between 'single-line text input field' and 'password input field' ?

Ans 1: A Password Field is good for sensitive information. The only item that is absolutely necessary is the Submit Button. It is a good idea to include a Reset Button for the convenience of the user. A text field gathers information using a single line of text. This field is useful for short answers. The default text field is blank. If you want to specify default text, use the VALUE attribute.

Q4. Write a JavaScript program having two functions sum and mean.

Ans 1: The web page will ask the user to enter five values to be added. After taking input it will calculate the sum and mean of those values by calling sum and mean functions.

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. How JavaScript Arrays are heterogeneous?

Ans 1: Arrays are heterogeneous in java script because at the same time simultaneously they can hold elements of multiple data types

Q7. 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.

Q8. Define the key weakness of the web?

Ans 1: Initially web was designed only for humans to read not for computers to understand it.

Q9. When does recursion occur?

Ans 1: The power of recursion evidently lies in the possibility of defining an infinite set of objects by a finite statement.

Q10. How can you define a consistent web design? Why is it needed?

Ans 1: A consistent web design is Easy understandable, not with heavy graphics, easy navigation. It is needed because most of the website views leave the site because of poor navigation and not easy to understand, text and design is not clear etc