CS-101 - Virtual University ENG-101 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. Who is a Computing Professional?

Ans 1: Computing technology has changed our way of life like no other technology. We need to study how it has done it to highlight the mistakes and success stories of the past. We need to do it so that we can learn from them and select our future direction Accordingly.

Q3. What is the Data Normalization? Also define its goal.

Ans 1: Data normalization is to sort out complex data into simple form. It uses to simplify the complex information to make it more user-friendly.

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. Why the quality of image in dithering scheme is not good?

Ans 1: In this scheme, pixels of alternating colors are used to simulate a color that is not present in the platelet For example, red and green pixels can be alternated to give the impression of bright yellow The quality of the displayed image is poorer

Q6. Differentiate between LAN and WAN with one example of each.

Ans 1: LAN is a local area network where as wan is a wide area network LAN can be used in a specific areas with limited computers where as wan can be used on computers shared by large distances For example LAN can be used on pc s or an organization located in one building but wan can be used on large scales like banks all over or in any Large communication systems

Q7. What is Structured Vector Graphics ?

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

Q8. What is the difference between Internet and Intranet?

Ans 1: The Internet is an open, public space, while an intranet is designed to be a private space. An intranet may be accessible from the Internet, but as a rule it's protected by a password and accessible only to employees or other authorized users

Q9. What is the difference between microprocessors and microcontrollers? Give one example of both

Ans 1: The microprocessor is electronic equipment which can perform several function and also processing of data and information present in a computer, while microcontroller can only perform one function for that its design Example Microprocessors _ Pentium 4 Microcontroller _ can be a switch in side the washing machine

Q10. How DoS attack is a cyber crime? For what cyber crime can be used?

Ans 1: DoS stands for Decline of Service and it is a cyber crime as it jams and in some cases shut down the targeted computer by sending too much unnecessary data packets to it which ultimately exceeds the normal processing eventually results the computer or server to stuck and unable to provide services to others. It can be used to destroy the fame and diminishing of no of users requesting information and services from that particular server or computer.