

CS-101 - Virtual University MTH-501 Short Question Preparation

Q1. Write names of the DoS attack's phases?

Ans 1: DoS (Denial of service): DoS attack has in total 3 phases and below they are listed: 1. Search 2. Arm 3. Attack

Q2. What is an IP address ?

Ans 1: Every device connected to the public Internet is assigned a unique number known as an Internet Protocol (IP) address.

Q3. Why hub is used in networks?

Ans 1: The network traffic controller – components of conventional computer networks. Hub is used to connect the different computers in the network i.e. to the server.

Q4. What is bandwidth?

Ans 1: Bandwidth is a capacity of communication channel of carrying data

Q5. What is difference between Design and System Architecture?

Ans 1: Only the higher level designs are called System Architecture and lower level designs can not be called system Architecture, and we can also say the every Architecture can be called design but every design can not be called Architecture.

Q6. What is best algorithm?

Ans 1: Greedy algorithm is the best algorithm as it is an algorithm that always takes the best immediate, or local solution while finding an answer.

Q7. What do you mean by the term 'Telepresence' in Computing World?

Ans 1: Telepresence • Being there, without physically being there! • Two remotely located people, with the help of special equipment, immersed in a simulated 3-D environment where they interact like they are sitting next to each other • Chatting, a telephone conversation, or even a videoconference are examples, but in a degraded sense of the idea

Q8. What is the role of usability in the design of a website?

Ans 1: On the Web, usability is a necessary condition for survival. If a website is difficult to use, people leave. If the homepage fails to clearly state what a company offers and what users can do on the site, people leave. If users get lost on a website, they leave. If a

website's information is hard to read or doesn't answer users' key questions, they leave.

Q9. 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.

Q10. What is a compiler? Write its one benefit over interpreter.

Ans 1: Compiler translates the program written in a HLL in one go. The translated code is then used by the uP whenever the program needs to be run. In contrast of interpreter, a compiler translates high-level instructions directly into machine Language. Compiled programs generally run faster than interpreted programs.
