

## CS-101 - Virtual University CS-610 Short Question Preparation

Q1. In programming, what is a loop?

**Ans 1:** In computer science a for loop is a programming language statement which allows code to be repeatedly executed. A for loop is classified as an iteration statement.

Q2. 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.

Q3. What are the elements of website design? Any one

**Ans 1:** Navigation scheme  
Layout of information  
Overall look and feel

Q4. 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.

Q5. 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

Q6. What is meant by semantic error ?

**Ans 1:** It is an error which a developer encounters when a statement is executed but it was not intended by him (the developer). Such errors are very difficult to locate during testing. Mostly these occur during abnormal circumstances. It may be referred as the logical error.

Q7. 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

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Q8. What is an Array?

**Ans 1:** An indexed list of elements

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Q9. 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.

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Q10. What does TCP/IP stand for?

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

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