

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

Q1. 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,

Q2. What is “My Personal Agent”?

Ans 1: A computer programe that work automatically and have voice interface

Q3. What is an Array?

Ans 1: An indexed list of elements

Q4. Define the term 3D Rendering

Ans 1: The process of converting information about 3-D objects into a bit-map that can be displayed on a 2-D computer display

Q5. 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.

Q6. 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

Q7. 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..

Q8. What is the database?

Ans 1: Data base is a collection of organized data in a proper way that computer can quickly search for any desired data item, its an easy way of allowing of manipulation of data, they are design in such a way that access to any desired data can be identified and reached quickly and easy, they are generally consist of collection of interrelated files.

Q9. What does NIC stand for?

Ans 1: Network Interface Cards.

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.
