

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

Q1. 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

Q2. Differentiate between onLoad and onUnload

Ans 1: Onload event is used when the page is load in the browser while on the other side.

Ans 2: onUnload event works when the page closes down.

Q3. Define Primary key and Queries

Ans 1: Primary Key

Primary key is a field that uniquely identifies each record stored in a table.

Ans 2: Queries

Queries are used to view, change, and analyze data. They can be used to combine data from different table and extract the exact data that is desired.

Q4. What are Trojan Horses?

Ans 1: Trojan horses are a kind of cyber crime, they are very harmful to computer because they are stand alone program and the look like what they are not like anything amusing or not harmless like games..

Q5. 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.

Q6. Write down the advantages of Natural Language Processing.

Ans 1: It is able to read what you write, comparing it to a stored database of texts. It then corrects your errors and suggests alternatives. What advantages can this give you? Here are some: 1. You Don't Have to Worry About Careless Mistakes and Typos 2. Your Grammar and Punctuation Errors are Fixed 3. Allows You To Get More Accomplished 4. Gives You A Better Vocabulary 5. Instantly Upgrades Your Communication Skills

Q7. What was the obstacle to the construction of analytical engine?

Ans 1: Charles Babbage had huge difficulties raising money to fund his research. As a last resort, he designed a clever mathematical scheme along with Ada, the Countess of Lovelace. It was designed to increase their odds while gambling. They bet money on horse races to raise enough money to support their research experiments. Guess what happened at the end? They lost every penny that they had.

Q8. What are the steps of working of TCP and IP protocols in internet transmission?

Ans 1: TCP divides messages into many packets (encapsulation) and sends these messages over the internet and IP routes these messages on the internet to the correct destination and upon reaching the messages at their destination the messages are encapsulated.

Q9. Define professional ethics and its benefits with an example?

Ans 1:

Professional Ethics

- Professional ethics are a category of ethics, and here we discuss the professional ethics relevant to computing
- Awareness of professional ethics is gaining importance with time as the decisionmaking process in the workplace keeps on increasing in complexity
- The professional ethics provide a way of simplifying that decision making process. Let us now discuss a few situations where I will request you for your ethical opinions

Q10. How can we define a Pixel?

Ans 1: It is the smallest element of image which is arranged in a regular array on display and each element consists of a particular color.
