

CS-101 - Virtual University CS-302 Short Question Preparation

Q1. Why should we, as computing professionals, be interested in studying the social implications of our creations?

Ans 1: This is imp. Because of keeping the track of money wise while implementation actually and see the results. This fits with the organization or no. to check there is any side effects morally or no. we have to be very careful while creation of any system., error free, data loose recovery. Etc.

Q2. How marketing strategies are changed with the progress in computing? How new marketing strategies are implemented?

Ans 1: Marketing Strategy Changes with the new requirements of the modern era and the applications of the business. The web has changed marketing strategy from a mass focus to single person focus. We collected data and analyze accordingly to find out the behavior of the market and end users. In new marketing more advertising is being done through email and web and get feedback.

Q3. 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.

Q4. Define professional ethics and its benefits with an example?

Ans 1:

Professional Ethics

• Professional ethics are a category of ethics, and here we discus the professional ethics relevant to computing • Awareness of professional ethics is gaining importance with time as the decisionmaking process in the work place 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

Q5. What is the problem with Relational Database and what solution you can suggest for it?

Ans 1: when we use to store object oriented data into a Relational database it need to be translated in form which is suitable for the relational database.

Again when we need to read RDBMs the Data need again back to be translated into object oriented form to read.

This two process delay associated processing and time spent in writing and maintaining the translation codes are the key disadvantage with Relational Database

Solution.

Object oriented database

Object Relational database

The data should be divided and save in multiple table and tabular form ,so that open ,searching .sorting ,editing and saving of data can be performed quickly. With tabular form one can sort w.r

Ans 1: Declaring variables (using the var keyword) within a function, makes them local. They are available only within the function and hold no meaning outside of it.

Q7. What does TCP/IP stand for?

Ans 1: TCP stand for Transmission Control Protocol

IP stands for Internet Protocol

Q8. 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.

Q9. What are the Sub categories of Artificial Intelligence? Briefly explain any two.

Ans 1: 1. Robotics

These are the machines which are computer programmed and perform work which was previously done by humans. They can be found in the manufacturing industry, the military, space exploration and medical applications. 2. Expert Systems These systems are designed to replace an expert. The medical expert system is an example of such system which can replace a Doctor/medical expert

Q10. 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