

## CS-101 - Virtual University CS-403 Short Question Preparation

Q1. In programming, what is an object?

**Ans 1:** A spreadsheet is a grid that organizes data into columns and rows. Spreadsheets make it easy to display information, and people can insert formulas to work with the data.

1. Electronic replacement for ledgers Charts
2. financial-forecasting

Q2. 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

Q3. 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.

Q4. How DoS attack is a cyber crime? For what cyber crime can be used?

**Ans 1:** DoS stands for Decline of Service and it is a cyber crime as it jams and in some cases shut down the targeted computer by sending too much unnecessary data packets to it which ultimately exceeds the normal processing eventually results the computer or server to stuck and unable to provide services to others. It can be used to destroy the fame and diminishing of no of users requesting information and services from that particular server or computer.

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

Q6. What is internet?

**Ans 1:** Internet is also called WAN, which means the interconnection of large number of computer networks and it consists of

millions of private, public, academic, business, and government networks of local to global scope that are linked by a broad array of electronic and optical networking technologies.

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Q7. 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

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Q8. What are application softwares? List down the names of three application softwares.

**Ans 1:** Definition: Application Software are that software then can interact directly with the user for performance of respective type of work.

Following are the types of Application Softwares:- · AutoCAD and Corel Draw · Business Software · Productivity SW · Games Software

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Q9. When does recursion occur?

**Ans 1:** The power of recursion evidently lies in the possibility of defining an infinite set of objects by a finite statement.

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Q10. How can you make your website's structure more navigable?

**Ans 1:** A properly planned website project makes the organization, development and the design of the website easier for the designer. Effective planning allows a website designer to produce a website more navigable and usable for the site's readers, allowing them to find the desired information. You can accomplish this by establishing and maintaining a creative focus throughout the design process and throughout the implementation.

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