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

Q1. Define semantic web with respect to the present web?

**Ans 1:** The Semantic Web is an idea of World Wide Web inventor Tim Berners-Lee that the.Web as a whole can be made more intelligent and perhaps even intuitive about how to serve a user's needs.

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Q2. What is best algorithm?

**Ans 1:** Greedy algorithm is the best algorithm as it is n algorithm that always takes the best immediate, or local solution while finding an answer.

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Q3. Why uploading a web page is important?

**Ans 1:** By only uploading webpage we could place our information in order the other can reach up to ready what we load, upload means make available our data or information for the world web browsers

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Q4. 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

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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

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Q6.
Write a short note on:
Good programming methodology?
Correct program

**Ans 1:** **Good programming methodology**
A methodology that enables the lowest-cost and on-schedule development of programs that are correct, easy to maintain & enhance

**Ans 2: Correct program**
A program with correct syntax & semantics.

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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..

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Q8. 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? The lost every penny that they had.

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Q9. What is bandwidth?

**Ans 1:** Bandwidth is a capacity of communication channel of carrying data

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Q10. What is Structured Vector Graphics ?

**Ans 1:** This is a plug-in that is required to view swf (flash) files in the web browser

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