CS-101 - Virtual University ISL-201 Short Question Preparation

Q1. Differentiate between For and While loop by writing the syntax of both loops.

Ans 1: When the exact number of iterations is known, use the ‘for’ loop When the number of iterations depend upon a condition being met, use the ‘while’ loop ‘for’ loops become especially useful when used in conjunction with arrays We’ll find out about arrays today, and we’ll probe their usefulness as part of ‘for’ loop structures

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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.

Q3. 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.

Q4. How can you define a readable program?

Ans 1: A program that is easy to read & understand also easy to maintain and enhance.

Q5. 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

Q6. How can you define a consistent web design? Why is it needed?

Ans 1: A consistent web design is Easy understandable, not with heavy graphics, easy navigation. It is needed because most of the website views leave the site because of poor navigation and not easy to understand, text and design is not clear etc

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Q7. Suppose we have a big project. Draw hierarchy of the people involved in the project?

Ans 1: Please ignore small lines relating Sub Teams to subordinates due to shortage of time. ABCD etc are connected directly to Team Lead 1,2 & 3 accordingly.

Q8. 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.

Q9. In JavaScript, what is event handling? What are the two types of events?

Ans 1: Event handling means capturing an event and responding to that. Events e.g. on Mouse Over, On Click, on Load, On unload, updating the clock etc. are captured by the Java script & according to the programs they are responded accordingly

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Q10. What are application softwares? List down the names of three application softwares.

Ans 1: Definition: Application Software are that software then can interact directory 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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