

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

Q1. What is a function? Give one example.

Ans 1: Function is a reusable code (group of statement) that is executed when the function is called. It is also known as subprogram. Function is normally defined in the head section of the code.

Q2.

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.

Q3. 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.

Q4. 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.

Q5. What are the steps of working of TCP and IP protocols in internet transmission?

Ans 1: TCP divide messages in to many packets (capsulation) and sent these messages over the internet and IP route these messages on the internet to the correct destination and upon reaching the messages on its destination the messages are encapsulated.

Q6. 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

Q7. 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.

Q8. Explain function arguments with the help of an example?

Ans 1: A named group of statements that is put together once and then used (by reference) repeatedly on a Web page Code becomes easier to read, understand and maintain

Q9. What does NIC stand for?

Ans 1: Network Interface Cards.

Q10. 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
