

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

Q1. Why hub is used in networks?

Ans 1: The network traffic controller – components of convential computer networks. Hub is used to connect the different computers in the network i.e. to the server.

Q2. 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.

Q3. Briefly mention any three problems in old modes of presentation development

Ans 1: Lack of resolution Low color configuration No graphic animation

Q4. 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.

Q5. 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.

Q6. How can we define a Pixel?

Ans 1: It is the smallest element of image which is spread with regular array on display and each element consist of particular color.

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. Write a JavaScript program having two functions sum and mean.

Ans 1: The web page will ask the user to enter five values to be added. After taking input it will calculate the sum and mean of those values by calling sum and mean functions.

Q9. Differentiate Local and Global Variables.

Ans 1: Local variables are the variables have limited scope while global have bigger scope Local variables are not accessed by others while global is accessible to every one Local variable used by single user while global variable can be used by different users at time from all around.

Q10. What is heuristic?

Ans 1: Common sense Lesson drawn from experience

(Artificial) Intelligent Systems SW programs or SW/HW systems designed to perform complex tasks employing strategies that mimic some aspect of human thought

or

• a commonsense rule (or set of rules) intended to increase the probability of solving some problem • of or relating to or using a general formulation that serves to guide investigation