

CS-101 - Virtual University STA-301 Short Question Preparation

Q1. What are the elements of website design? Any one

Ans 1: Navigation scheme
Layout of information
Overall look and feel

Q2. Four steps for planning your website structure

Ans 1: 1. Discover the correct niche for your website
2. Find correct keywords and choose the most profitable website concept for you.
3. Make your final website concept ever more profitable by analyzing and using the competition.
4. Build the optimal structure of your website that corresponds with your table of highly profitable keywords

Q3. What does TCP/IP stand for?

Ans 1: TCP stand for Transmission Control Protocol
IP stands for Internet Protocol

Q4. 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.

Q5. How marketing strategies are changed with the progress in computing? How new marketing strategies are implemented?

Ans 1: Marketing Strategy Changes with the new requirements of the modern era and the applications of the business. The web has changed marketing strategy from a mass focus to single person focus. We collected data and analyze accordingly to find out the behavior of the market and end users. In new marketing more advertising is being done through email and web and get feedback.

Q6. Why Local variable is preferred over Global variable ?

Ans 1: Global variable has some advantage with Local variables is preferred due to the following reasons:- When we declare any global variable in web page then in case of error and logic it's very difficult to see on which line this variable is used and what's his value if we have more than 2000 lines and all the functions in web page using that Global Variable so Global variables can make the logic of a Web page difficult to understand. As we know we can use Global variable everywhere so Global variables also make the reuse and maintenance of your code much more complex

Q7. Elaborate Rester Graphics with examples.

Ans 1: Raster graphics are digital images created or captured (for example, by scanning in a photo) as a set of samples of a given space . A raster file is usually larger than a vector graphics image file. A raster file is usually difficult to modify without loss of information. Examples of raster image file types are: BMP, TIFF, GIF, and JPEG files.

Q8. Differentiate between onLoad and onUnload

Ans 1: Onload event is used when the page is load in the browser while on the other side.

Ans 2: onUnload event works when the page closes down.

Q9. 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

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
