

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

(Q 1.	What	are	Local	or	Funct	tion-	level	٧	'ariat	oles	?		

Ans 1: Declaring variables (using the var keyword) within a function, makes them local. They are available only within the function and hold no meaning outside of it.

Q2. 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.

Q3. What is ICMP?

Ans 1: ICMP is the "Internet Control Message Protocol". ICMP packets are small packets used in local networks and on the Internet, most typically, for network troubleshooting and problem location.

Q4. 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.

Q5. What is Structured Vector Graphics?

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

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. 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.

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. 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.

Q10. What is difference between Design and System Architecture?

Ans 1: Only the higher level designs are called System Architecture and lower level designs can not be called system Architecture, and we can also say the every Architecture can be called design but every design can not be called Architecture.