

## CS-101 - Virtual University ENG-101 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. 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.

Q3. How can you define a readable program?

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

Q4. 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.

Q5. 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

Q6. What is bandwidth?

**Ans 1:** Bandwidth is a capacity of communication channel of carrying data

Q7. Briefly mention any three problems in old modes of presentation development

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

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Q8. What is an Array?

**Ans 1:** An indexed list of elements

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Q9. 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

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Q10. What is the difference between Internet and Intranet?

**Ans 1:** The Internet is an open, public space, while an intranet is designed to be a private space. An intranet may be accessible from the Internet, but as a rule it's protected by a password and accessible only to employees or other authorized users

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