

Web Design & Development for Freelancing- Level-3 (Written Questions)

1.What are the most common communication channels used for effective communication?

- Email
- Instant Messaging (IM)
- Video Conferencing (e.g., Zoom)
- Phone Calls
- Social Media
- Face-to-Face Meetings

2.What is meant by a website?

Website: A website is a collection of web pages that are accessed via the internet, typically identified by a domain name, and hosted on a web server

3. What is meant by internet protocol (IP Address)?

Internet Protocol (IP Address): An IP address is a unique numerical label assigned to each device connected to a computer network that uses the Internet Protocol for communication. It serves two main functions: identifying the host or network interface and providing the location of the device in the network.

4.how does computer Hardware differ form software?

Difference Between Hardware and Software:

- **Hardware:** Physical components of a computer (e.g., CPU, RAM, hard drives).
- **Software:** Programs and applications that run on hardware (e.g., operating systems, applications).

5.What is an intarective website?

Interactive Website: An interactive website allows users to engage and participate in a dynamic manner, such as submitting forms, clicking buttons, and viewing changing content.

6.When does a web developer personal computer will be call a local computer?

Local Computer: A web developer's personal computer is called a local computer when it is used to develop and test websites locally before deploying them to a remote server.

7.what is the function of FTP client?

Function of FTP Client: An FTP (File Transfer Protocol) client is used to transfer files between a local computer and a remote server, allowing users to upload or download files.

8.Write down the correct sequence of html tags for starting a webpage?

```
html Copy code  
  
<!DOCTYPE html>  
<html>  
<head>  
<title>Your Title Here</title>  
</head>  
<body>  
<!-- Your content here -->  
</body>  
</html>
```

9.write the tag used for inserting the largest heading in HTML?

```
html Copy code  
  
<h1>Your Heading Here</h1>
```

10.write the tag used for inserting a line break in HTML?

```
html Copy code  
  
<br>
```

11.How you will create a hyperlink in HTML?

```
html Copy code  
  
<a href="https://www.example.com">Click here</a>
```

12.what is meant by cascading style sheet?

Cascading Style Sheet (CSS): A CSS is a stylesheet language used to describe the presentation of a document written in HTML or XML, allowing for control over layout, colors, fonts, and more.

13.write the correct syntax for referring the external style sheet?

```
html Copy code  
  
<link rel="stylesheet" type="text/css" href="styles.css">
```

14.Which color mode is used for printing?

Color Mode Used for Printing: CMYK (Cyan, Magenta, Yellow, Black) is used for printing.

15.Why a block statement is used for in JavaScript?

Block Statement in JavaScript: A block statement groups a set of statements to be executed together, usually defined by curly braces { }

16.When interpreter encounters an empty statement what it will do?

Empty Statement Encountered by Interpreter: If the interpreter encounters an empty statement (just a semicolon ;), it does nothing and proceeds to the next statement.

17.The function and var are known as?

Function and Var Known As: Both are known as declarations in JavaScript; var declares a variable, and a function is a block of code designed to perform a particular task.

18.Write the code in javascript for getting an output 1?

```
javascript Copy code  
  
document.write(1);
```

19.What will happen, If the following javascript Code is executed?

20. List the data types supported by JavaScript?

- Undefined
- Null
- Boolean
- Number
- String
- Object
- Symbol (introduced in ES6)

Web Design & Development for Freelancing- Level-3 (Viva Questions)

1. Is it possible to change CSS value using JavaScript?

Yes, I can change CSS values using JavaScript by accessing the style property of an HTML element. For example:

```
javascript Copy code  
  
document.getElementById("myElement").style.color = "red";
```

2. Is JavaScript case-sensitive?

Yes, JavaScript is case-sensitive, meaning that Variable and variable would be treated as two different identifiers.

3. What will the following code return: Boolean (10 > 9)?

It will return true, because 10 is indeed greater than 9.

4. Is it possible to declare variable using special characters or numbers at the beginning?


No, variable names cannot start with numbers or special characters

(except for the underscore _ or dollar sign \$).

For example, 1variable is invalid, while variable1 is valid.

5.How do you create a function in Javascript?


javascript

 Copy code

```
function myFunction() {  
    // code to be executed  
}
```

6.Which operator is used to assign a value to a variable?

javascript

 Copy code

```
let x = 10;
```

7.What is the defference between Java & Javascript?


- **Java:** A statically typed, compiled programming language primarily used for building standalone applications and server-side applications.
- **JavaScript:** A dynamically typed, interpreted scripting language mainly used for adding interactivity to web pages and client-side programming.

8.What is the purpose of using window.open() function?

The window.open() function is used to open a new browser window or tab. It can also be used to load a specified URL into that window.

9.How can you add a comment in javascript?

javascript

 Copy code


```
// This is a single-line comment  
/* This is a  
    multi-line comment */
```

10.What is the defference between == and === operators?

- **== (loose equality):** Compares values for equality after converting them to a common type (type coercion).
- **=== (strict equality):** Compares both the value and the type without any type conversion.

11. What is the correct way to write a Javascript array?


javascript

 Copy code

```
let myArray = [1, 2, 3, 4];
```

12. How to write an IF statement for executing some code if 'i' is not equal to 5?


javascript

 Copy code

```
if (i !== 5) {  
    // code to execute if i is not equal to 5  
}
```

13. How do you write Hello World in an Alert box?

javascript

 Copy code


```
alert("Hello World");
```

14. What is the correct place to insert Javascript?

JavaScript can be inserted in the <head> or at the end of the <body> section of an HTML document. Placing it at the end of the <body> is often recommended to ensure that the HTML is loaded before the script runs.

15. What is the correct attributes that should be used for external JS?


html

 Copy code

```
<script src="script.js"></script>
```

16. How do you select an element with Class Demo?


javascript

 Copy code

```
let elements = document.getElementsByClassName('Demo');
```

17.How do you select an element with id Demo?


javascript

 Copy code

```
let element = document.getElementById('Demo');
```

18.How do you make each word in a text start with a capital letter?


CSS

 Copy code

```
text-transform: capitalize;
```

19.How do you display hyperlinks without an underline?

CSS

 Copy code


```
a {  
  text-decoration: none;  
}
```

20. Which css property do we use test-size of font-size?

The CSS property used to set the font size is font-size.

21.Which HTML attribute is used to define inline styles?


html

 Copy code

```
<div style="color: red;">This is red text.</div>
```

22.Which in an HTML document is the correct place to refer to an external style sheet?

html

 Copy code

```
<link rel="stylesheet" type="text/css" href="styles.css">
```

23.How many ways to insert CSS?

- **Inline CSS:** Using the style attribute in HTML elements.
- **Internal CSS:** Using a <style> tag within the <head> section of the HTML document.
- **External CSS:** Linking to an external CSS file using a <link> tag.

24.How can comments be added in CSS?

```
css Copy code  
  
/* This is a comment */
```

25.Why do we use unicode (UTF-8) reference?

Unicode (UTF-8) allows for the representation of text from various languages and symbols, ensuring that characters display correctly across different systems and platforms.

26.What is the correct HTML element for inserting a line break?

The correct HTML element for inserting a line break is:

```
html Copy code  
  
<br>
```

27.Why <iframe> is used?

The <iframe> tag is used to embed another HTML document within the current document. It allows you to display content such as videos, maps, or other web pages without navigating away from the current page.

28.How do you create link or hyperlink one page to another page?

```
html Copy code  
  
<a href="page2.html">Go to Page 2</a>
```


29.How do you insert a copyright symbol on a browser page?

```
html Copy code  
<p>&copy; 2024 Your Name. All rights reserved.</p>
```

30.How do you insert a comment in HTML?

```
html Copy code  
<!-- This is a comment -->
```

31.Do all HTML tags come in a pair?

Not all HTML tags come in pairs. Some tags, known as self-closing tags, do not have a closing tag (e.g.,
, , <hr>).

32.How do you avoid the risk of losing files due to a hard crash?

To avoid data loss, regularly back up your files using external drives, cloud storage, or backup software. Implementing version control systems can also help.

33.What will you do if you face a hard drive crash issue during a project?

If a hard drive crashes, first assess the extent of the damage. If data recovery is possible, use recovery software or consult a professional. Ensure you have backups for future protection.

34.What would happen if your communication with your teammates is not clear?

Lack of clear communication can lead to misunderstandings, missed deadlines, and project errors. It may also affect team morale and productivity.

35.What would happen if you don't actively participate in your team meeting?

Not participating can result in missed information, lack of input on decisions, and can lead to teammates feeling unsupported or uncollaborated with, potentially impacting team dynamics.

36.What will happen if you cannot maintain a courteous manner while communicating with a client?

Failing to communicate courteously can damage the client relationship, lead to misunderstandings, and may result in lost business or negative reviews.

37.How will you ensure that you are providing unbiased information to your clients?

To provide unbiased information, present facts, avoid personal opinions, and offer multiple viewpoints. Use reliable sources and ensure transparency about any potential conflicts of interest.

38.How will you happen if you share a clients confidential information with a third party?

Sharing confidential information can breach trust, violate legal agreements, and lead to legal repercussions. It may also damage your professional reputation.

39.Who will have the design rights after delivering the final product?

Design rights typically depend on the contract terms. In many cases, the client retains rights after full payment, but it's essential to clarify ownership in the agreement.

40.What will happen if you don't read the installation instructions, terms and conditions before installing the software?

Failing to read instructions or terms can lead to improper installation, unexpected behavior, or legal issues, including unintentional violations of usage rights.

41.How do you ensure your clients approval?

To ensure client approval, maintain regular communication, provide drafts or prototypes for feedback, and confirm understanding of their requirements and preferences.

42.Describe the proccess in english to get a job at a freelancing?

1. Identify your skills and market demand.
2. Create a portfolio showcasing your work.
3. Register on freelancing platforms (e.g., Upwork, Fiverr).
4. Set competitive rates and write compelling proposals.
5. Network and promote your services through social media and other channels.

43.Suppose you are talking with your clients zoom platform share your experience in english with your client?

"Hello! It's great to connect with you today. I want to share that I've been working in this field for several years, focusing on delivering quality results. I prioritize understanding client needs and adapting to their feedback. I believe in clear communication and collaboration to ensure we achieve your goals effectively. How can I assist you further today?"