



#### **Technical Test Result**

DESCRIPTION	STATUS
Attempted Questions	20
Blank Answer	0
Basic Correct	7
Optional Correct	1

## 1. Web development defined

- (A) building functional websites
- (B) building functional applications
- $\circ$  (C) The key elements are web design and programming.
- (D) All of them 🗸

### 2. What is static websites?

- $^{ extsf{O}}$  (B) They use server-side languages such as PHP, SERVLET, JSP, ASP.NET etc
- (C) The main advantage is Content Management System (CMS).
- O(D) B & C

## 3. What is HTTP?

- (A) Hypertext Transfer Protocol 🗸
- (B) Hyperlink Transfer Protocol
- O(C) A & B
- O(D) None of them

4. A Name the core technologies around which the web development takes place.
<ul> <li>(A) HTML, CSS, and JavaScript are the main front-end technologies.</li> <li>(B) The main backed development technologies include programming languages such as Python, PHP etc</li> <li>(C) the databases such as MySQL, Oracle, and others</li> <li>(D) All of them ✓</li> </ul>
5. Ame the tools used in web development.
<ul> <li>○ (A) Cpanel, WHM, Command Mode</li> <li>● (B) Notepad++, Adobe Dreamweaver, Sublime Text, NetBeans (JAVA)</li> <li>○ (C) FTP, WinSCP</li> <li>○ (D) All of them </li> </ul>
6. ♣ What are libraries in a programming language?
<ul> <li>(A) - They are prerequisite collections of instructions that web developer use directly in their programming. ✓</li> <li>(B) They are the tools such as: Notepad++, Adobe Dreamweaver, Sublime Text, NetBeans (JAVA)</li> <li>(C) A &amp; B</li> <li>(D) All of them</li> </ul>
7. The work of the
<ul> <li>(A) They should have the basic understanding of HTML, CSS, and JavaScript</li> <li>(B) they should be familiar with the commonly used databases</li> <li>(C) they should know the basics of programming to be able to create new forms of websites.</li> <li>(D) All of them ✓</li> </ul>
8. A What are databases?
<ul> <li>(A) Databases are collections of data.</li> <li>(B) The data is stored in multiple tables form, views, reports, schemes, and queries.</li> <li>(C) SQL (Structured Query language) is currently the most popular database in the world.</li> <li>(D) All of them </li> </ul>

9. What is a pseudo-class?
<ul> <li>○ (A) is a JSON technique for setting the style when an element changes its state.</li> <li>● (B) is a CSS technique for setting the style when an element changes its state.</li> <li>○ (C) A &amp; B</li> <li>○ (D) None of them</li> </ul>
10. What is Namespacing in JavaScript?
<ul> <li>○ (A) is special name</li> <li>• (B) is global variables in JavaScript where the namespacing ties down a part of the code and registers it with a unique name.</li> <li>○ (C) is local variables in JavaScript where the namespacing ties down a part of the code and registers it with a unique name.</li> <li>○ (D) is functional variables in JavaScript where the namespacing ties down a part of the code and registers it with a unique name.</li> </ul>
11. What are the advantages of HTTP 2.0 over HTTP 1.1?
<ul> <li>○ (A) headers compression, push notification, intelligent packet streaming management, parallel loading of page elements over a single TCP connection etc.</li> <li>● (B) upgrade the TCP protocol</li> <li>○ (C) upgrade the SSL protocol</li> <li>○ (D) None of them</li> </ul>
12. The best way to integrate 5 different stylesheets into a website?
<ul> <li>(A) Depends on the website</li> <li>(B) Depends on the website but usually combining the stylesheets into single </li> <li>(C) A &amp; B</li> <li>(D) None of them</li> </ul>
13. What are the web technologies that you should proficient in?
<ul> <li>(A) HTML5, CSS3, and JavaScript</li> <li>(B) familiar with the most popular frameworks</li> <li>(C) databases and APIs</li> <li>(D) All of them ✓</li> </ul>

# 14. The work was the difference between '==' and '===' operators? (A) comparison operator category (B) Though both of them belong to the comparison operator category, the '==' operator checks both the value and the type while the '===' operator checks the value ✓ (C) Though both of them belong to the comparison operator category, the '==' operator checks the value while the '===' operator checks both the value and the type. (D) Though both of them belong to the comparison operator category, the '==' operator checks the value while the '===' operator checks the type. 15. What is CSS? (A) CSS is used to define structure for web pages (B) CSS is used to increase performance for a web pages O(D) CSS is used to loading a web pages 16. <sup>★</sup> What are Globals in Node.js? (A) Global, Process, Buffer (B) Variables declared using the var keyword become local to the module whereas those declared without it get subscribed to the global object. ○ (C) A & B ✓ $\bigcirc$ (D) None of them 17. What is NPM in Node.js? (A) NPM stands for Node Package Manager (B) NPM stands for Node Package Manager. It works as an Online repository for node.js packages/modules which are present at <nodejs.org>. (C) NPM stands for Node Package Manager. It works as Command line utility to install packages, do version management and dependency management of Node.js packages. ○ (D) B & C 🗸

#### 18. What is the global installation of dependencies?

(A) Globally installed packages/dependencies are stored in tmp/npm directory

<ul> <li>○ (B) Globally installed packages/dependencies are stored in <user-directory>/npm directory</user-directory></li> <li>○ (C) Globally installed packages/dependencies are stored in root directory</li> <li>○ (D) None of them</li> </ul>
19. How do you prevent/fix callback hell?
<ul> <li>(A) Handle every single error</li> <li>(B) Keep your code shallow</li> <li>(C) Modularize – split the callbacks into smaller, independent functions that can be called with some parameters then joining them to achieve desired results.</li> <li>(D) All of them </li> </ul>
20. Hat's Non-blocking functions in Node.js?
<ul> <li>(A) multiple I/O calls can be performed without the execution of the program being halted. Non-blocking functions execute asynchronously ✓</li> <li>(B) all other code is blocked from executing until an I/O event that is being waited on occurs. Non-blocking functions execute synchronously</li> <li>(C) A &amp; B</li> <li>(D) None of them</li> </ul>