Technical Test Result

DESCRIPTION	STATUS
Attempted Questions	20
Blank Answer	0
Basic Correct	10
Optional Correct	1

1. What is HTTP?

- ◉ (A) Hypertext Transfer Protocol ✔
- ◯ (B) Hyperlink Transfer Protocol
- ◯ (C) A & B
- ◯ (D) None of them

2. Name the core technologies around which the web development takes place.

- ◯ (A) HTML, CSS, and JavaScript are the main front-end technologies.
- ◯ (B) The main backed development technologies include programming languages such as Python, PHP etc
- ◯ (C) the databases such as MySQL, Oracle, and others
- ◉ (D) All of them ✔

3. What are the frameworks in Web Development?

- ◯ (A) Frameworks are a complete set of software build to help you develop programs and apps more easily.

○ (B) They carry out given set of instructions based on API's, web service, multiple platform layout over the use of web resources etc.

○ (C) None of them

◉ (D) A & B ✔

4. ★ Name the tools used in web development.

○ (A) Cpanel, WHM, Command Mode

○ (B) Notepad++, Adobe Dreamweaver, Sublime Text, NetBeans (JAVA)

○ (C) FTP, WinSCP

◉ (D) All of them ✔

5. ★ What are libraries in a programming language?

○ (A) - They are prerequisite collections of instructions that web developer use directly in their programming. ✔

○ (B) They are the tools such as: Notepad++, Adobe Dreamweaver, Sublime Text, NetBeans (JAVA)...

◉ (C) A & B

○ (D) All of them

6. ★ What should a junior web developer know?

○ (A) They should have the basic understanding of HTML, CSS, and JavaScript

○ (B) they should be familiar with the commonly used databases

○ (C) they should know the basics of programming to be able to create new forms of websites.

◉ (D) All of them ✔

7. ★ What is web hosting?

○ (A) Web hosting refers to special internet services that allow your website to run 24/7.

◉ (B) Web hosting refers to special internet services that allow your website to run 24/7. The common types of web hosting include Linux Web Hosting, Windows Web Hosting, Dedicated Server etc. ✔

○ (C) The common types of web hosting include Linux Web Hosting, Windows Web Hosting, Dedicated Server etc.

○ (D) All of them

8. ★ What are databases?

○ (A) Databases are collections of data.
○ (B) The data is stored in multiple tables form, views, reports, schemes, and queries.
○ (C) SQL (Structured Query language) is currently the most popular database in the world.
◉ (D) All of them ✔

9. ★ What is the cloud?

○ (A) are new technologies on which several configurations cannot be shared from multiple resources over the internet
○ (B) are new technologies on which several configurations can be shared from multiple resources over the internet ✔
◉ (C) are new devices on which several configurations can be shared from multiple resources over the internet
○ (D) A & B

10. ★ What is Namespacing in JavaScript?

○ (A) is special name
◉ (B) is global variables in JavaScript where the namespacing ties down a part of the code and registers it with a unique name. ✔
○ (C) is local variables in JavaScript where the namespacing ties down a part of the code and registers it with a unique name.
○ (D) is functional variables in JavaScript where the namespacing ties down a part of the code and registers it with a unique name.

11. ★ How can you reduce page loading time?

○ (A) include reducing image size, reducing lookups, minimizing redirects
○ (B) removing unnecessary widgets, HTTP compression, placing CSS at the top and script referencing at the bottom or external files
○ (C) use caching
◉ (D) All of them ✔

12. ★ What are the advantages of HTTP 2.0 over HTTP 1.1?

○ (A) headers compression, push notification, intelligent packet streaming management,

parallel loading of page elements over a single TCP connection etc. ✔

○ (B) upgrade the TCP protocol

◉ (C) upgrade the SSL protocol

○ (D) None of them

13. ★ What's the best way to integrate 5 different stylesheets into a website?

○ (A) Depends on the website

○ (B) Depends on the website but usually combining the stylesheets into single ✔

◉ (C) A & B

○ (D) None of them

14. ★ What are the web technologies that you should proficient in?

○ (A) HTML5, CSS3, and JavaScript

○ (B) familiar with the most popular frameworks

○ (C) databases and APIs

◉ (D) All of them ✔

15. ★ What is 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.

16. ★ How to write a query to get 10th highest salary from an employee table?

◉ (A) SELECT * FROM Employee Emp2 WHERE (10) = (SELECT COUNT(DISTINCT (Emp2.Employee_Salary)) FROM Employee Emp1 WHERE Emp2.Employee_Salary >= Emp1.Employee_Salary)

○ (B) SELECT * FROM Employee Emp1 WHERE (10) = (SELECT COUNT(DISTINCT (Emp2.Employee_Salary)) FROM Employee Emp2 WHERE Emp2.Employee_Salary >= Emp1.Employee_Salary) ✔

○ (C) SELECT * FROM Employee Emp1 WHERE (10) <= (SELECT COUNT(DISTINCT (Emp2.Employee_Salary)) FROM Employee Emp2 WHERE Emp2.Employee_Salary >=

Emp1.Employee_Salary)
○ (D) SELECT * FROM Employee Emp1 WHERE (10) = (SELECT COUNT(DISTINCT (
Emp2.Employee_Salary)) FROM Employee Emp2 WHERE Emp2.Employee_Salary <=
Emp1.Employee_Salary)

17. ⭐ Who can use a Web API?

○ (A) only portable devices such as mobile devices can use Web API
○ (B) only web-server can use Web API
◉ (C) any clients which support HTTP verbs such as GET, PUT, DELETE, POST. ✔
○ (D) None of them

18. ⭐ What is REST?

○ (A) is an architectural style for developing web services ✔
○ (B) is a server service
○ (C) is a method to build API
◉ (D) All of them

19. ⭐ What is SOAP?

○ (A) is an XML-based method to expose web services. ✔
◉ (B) is Small Object Access Protocol
○ (C) is Simple Object Acept Protocol
○ (D) None of them

20. ⭐ What is Cross Site Scripting (XSS)?

○ (A) is technique, users executed malicious scripts by clicking on untrusted links and
hence, these scripts pass cookies information to attackers. ✔
○ (B) is a software, users executed malicious scripts by clicking on untrusted links and
hence, these scripts pass cookies information to attackers.
◉ (C) is a technique, users executed malicious scripts via input data
○ (D) is a software, users executed malicious scripts via input data