# Technical Test Result

| DESCRIPTION | STATUS |
| --- | --- |
| Attempted Questions | 20 |
| Blank Answer | 0 |
| Basic Correct | 12 |
| Optional Correct | 3 |

**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. ✭ 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

### 5. ✭ What are APIs?

○ (A) Application Programming Interfaces are pre-set functions and procedures

○ (B) That allow special features to be accessible over the internet.

○ (C) None of them

◉ (D) A & B ✔

### 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 are Web Servers?

○ (A) are the backend continuous running programs

○ (B) are the front-end continuous running programs

◉ (C) are the backend continuous running programs that allows requests to be processed via HTTP protocols. ✔

○ (D) All of them

### 8. ✭ 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

### 9. ★ 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 ✔

### 10. ★ 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

### 11. ★ 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.

### 12. ★ 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 ✔

### 13. ★ What is CORS?

◉ (A) Cross-Origin Resource Sharing

○ (B) Cross-Origin Result Sharing

○ (C) enables different resources on a web page to be requested from another domain outside the domain from which the request originated.

○ (D) A & C ✔

### 14. ★ 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

### 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. ★ What are main differences between API and Web Service?

◉ (A) All Web services are APIs but not all APIs are Web services
○ (B) Web services might not contain all the specifications and cannot perform all the tasks that APIs would perform
○ (C) A Web service uses only three styles of use: SOAP, REST and XML-RPC for communication whereas API may be exposed to in multiple ways.
○ (D) All of them ✔

## 18. ★ 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

## 19. ★ Which protocol is used by RESTful Web services?

○ (A) FTP protocol
○ (B) SSL protocol
◉ (C) HTTP protocol ✔
○ (D) All of them

## 20. ★ What are the core components of an HTTP request?

○ (A) An action showing HTTP methods like GET, PUT, POST, DELETE. Request Body, which indicates the message content or resource representation
○ (B) Uniform Resource Identifier (URI), which is the identifier for the resource on the server.
○ (C) HTTP Version, which indicates HTTP version
◉ (D) All of them ✔