

## Technical Test Result

| DESCRIPTION         | STATUS |
|---------------------|--------|
| Attempted Questions | 20     |
| Blank Answer        | 0      |
| Basic Correct       | 12     |
| Optional Correct    | 4      |

### 1. **Front-End Development**

- ☒ (A) covers everything you see on the website including but not limited to website layout, sidebar, slider, navigation, footer etc. ✓
- ☐ (B) is the main coding area with the use of programming language and database.
- ☐ (C) A & B
- ☐ (D) None of them

### 2. **Backend Development**

- ☒ (A) is the main coding area with the use of programming language and database. ✓
- ☐ (B) covers everything you see on the website including but not limited to website layout, sidebar, slider, navigation, footer etc.
- ☐ (C) None of them
- ☐ (D) A & B

### 3. **What is HTTP?**

- ☒ (A) Hypertext Transfer Protocol ✓
- ☐ (B) Hyperlink Transfer Protocol

- ☐ (C) A & B
- ☐ (D) None of them

4.   **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 ✓

5.   **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 ✓

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 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 ✓

8.   **What is a pseudo-class?**

- ☐ (A) is a JSON technique for setting the style when an element changes its state.
- ☒ (B) is a CSS technique for setting the style when an element changes its state. ✓
- ☐ (C) A & B
- ☐ (D) None of them

★  
★  
9. ☆ 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.

★  
★  
10. ☆ 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 ✓

★  
★  
11. ☆ 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

★  
★  
12. ☆ 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

★  
★  
13. ☆ What is the difference between the null value and undefined value?

- ☒ (A) Undefined means a variable has been declared but has not yet been assigned a value. Null is an assignment value. ✓

- ☐ (B) Undefined is an assignment value. Null means a variable has been declared but has not yet been assigned a value.
- ☐ (C) Undefined means a variable has been declared. Null has not yet been assigned a value.
- ☐ (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 are tools could be used for API testing?**

- ☐ (A) Cannot test by tool, only testing by browser
- ☒ (B) common tools are Katalon Studio, Postman, SoapUi Pro... ✓
- ☐ (C) supporting tool must have .NET
- ☐ (D) B & C

★  
★  
19. ☆ **What are advantages of SOAP?**

- ☐ (A) SOAP is independent of the transport protocol and can be used to coordinate different protocols.
- ☐ (B) Everything can generate XML, from Perl scripts through C++ code to J2EE app servers.
- ☒ (C) A & B ✓
- ☐ (D) None of them

★  
★  
20. ☆ **What is meant by Continuous Integration?**

- ☒ (A) is a development practice that requires developers to integrate code into a shared repository several times a day ✓
- ☐ (B) It's verified by a manually build
- ☐ (C) A & B
- ☐ (D) None of them