Technical Test Result

DESCRIPTION	STATUS
Attempted Questions	20
Blank Answer	0
Basic Correct	13
Optional Correct	4

1. Web development defined

○ (A) building functional websites
○ (B) building functional applications
○ (C) The key elements are web design and programming.
◉ (D) All of them ✔

2. What is HTTP?

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

3. 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 ✔

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 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 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 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

9. ★ 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

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. ★ 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 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

13. ★ 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 ✔

14. ★ 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.

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
◉ (C) CSS is used to define styles for your web pages ✔
○ (D) CSS is used to loading a web pages

16. ★ What are the key features of Node.js?

○ (A) Asynchronous event driven IO helps concurrent request handling
○ (B) No Buffering
◉ (C) A & B ✔
○ (D) None of them

17. ★ What is Callback in Node.js?

○ (A) is a method
○ (B) is a function
○ (C) "callback" as an synchronous equivalent for a function
◉ (D) "callback" as an asynchronous equivalent for a function ✔

18. ★ Who use <package.json> file?

◉ (A) NPM ✔

○ (B) JSON
○ (C) CLI
○ (D) Nodejs

19. ★ **How many types of API functions in Node.js?**

○ (A) 1
⦿ (B) 2
○ (C) 3
○ (D) 4

20. ★ **What's blocking functions in Node.js?**

○ (A) multiple I/O calls can be performed without the execution of the program being halted. Blocking functions execute asynchronously.

⦿ (B) all other code is blocked from executing until an I/O event that is being waited on occurs. Blocking functions execute synchronously ✔

○ (C) A & B
○ (D) None of them