



Technical Test Result

DESCRIPTION	STATUS
Attempted Questions	20
Blank Answer	0
Basic Correct	8
Optional Correct	5

1. Å What is HTTP?

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

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

- \bigcirc (A) HTML, CSS, and JavaScript are the main front-end technologies.
- \bigcirc (B) The main backed development technologies include programming languages such as Python, PHP etc
- $^{ extsf{O}}$ (C) the databases such as MySQL, Oracle, and others
- (D) All of them 🗸

3. ★ What is a software?

 \bigcirc (A) is a general term for all kinds of programs used to operate computers, mobile devices, and similar.

 ○ (B) It is basically a set of computer instructions and/or data that determines how the computer works. ● (C) A & B ✓ ○ (D) None of them
4. ♣ 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
5. * 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
6. ♣ What are web services?
 (A) a service offered by an electronic device to another electronic device, communicating with each other via the World Wide Web (B) a web service implemented in the particular technology or brand, W3C Web Services. (C) Web services provide an object-oriented web-based interface to a database server. (D) All of them ✓
7. ♣ 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

$^{\bigcirc}$ (C) are new devices on which several configurations can be shared from multiple resources over the internet $^{\bigcirc}$ (D) A & B
8. A 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.
9. 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 ✓
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. A 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. ♣ How do you optimize website's assets?
 ○ (A) the file concatenation, file compression, CDN Hosting, offloading assets, reorganizing and refining code ○ (B) the file concatenation, file compression, CDN Hosting, offloading assets, reorganizing and refining code, use big images ● (C) the file concatenation, file compression, CDN Hosting, offloading assets, reorganizing and refining code, remove image, use HTTPS ○ (D) None of them
16. How to make Post request in Node.js?
 ○ (A) request.get('http://www.example.com/action', { form: { key: 'value' } }, function (error, response, body) { if (!error && response.statusCode == 200) { console.log(body) } }); ○ (B) request.path('http://www.example.com/action', { form: { key: 'value' } }, function

(error, response, body) { if (!error && response.statusCode == 200) { console ○ (C) request.update('http://www.example.com/action', { form: { key: 'value (error, response, body) { if (!error && response.statusCode == 200) { console ◎ (D) request.post('http://www.example.com/action', { form: { key: 'value' } (error, response, body) { if (!error && response.statusCode == 200) { console of the	e' } }, function e.log(body) } }); }, function
17. How to avoid callback hell in Node.js?	
 ○ (A) Make your program modular and use async mechanism. ○ (B) Use promises mechanism and generators ● (C) A & B ✓ ○ (D) Don't use callback 	
18. What is the global installation of dependencies?	
 ○ (A) Globally installed packages/dependencies are stored in tmp/npm directory ● (B) Globally installed packages/dependencies are stored in <user-directory directory<="" li=""> ○ (C) Globally installed packages/dependencies are stored in root directory ○ (D) None of them </user-directory>	ry>/npm
19. House <package.json> file?</package.json>	
 (A) NPM ✓ (B) JSON (C) CLI (D) Nodejs 20. How do you prevent/fix callback hell? 	
 (A) Handle every single error (B) Keep your code shallow (C) Modularize – split the callbacks into smaller, independent functions the called with some parameters then joining them to achieve desired results. (D) All of them ✓ 	hat can be