

**WEB TECHNOLOGY (WEB DEVELOPMENT) QUESTIONS COMPILED BY LOTAL GHANA -
2021**

QUESTIONS ON WEB DEVELOPMENT

1. HTML stands for _____.
2. CSS is used to control a website's _____.
3. JavaScript is a _____ language.
4. PHP is a _____ language.
5. A web framework is a set of tools and libraries used to _____
web applications.
6. A content management system (CMS) allows users to
_____ content on a website.
7. A web server is responsible for _____ web pages to
users.
8. A database is used to store and manage _____ data.
9. APIs allow different systems to _____ with each other.
10. Responsive design ensures that websites are optimized for
_____ devices.
11. The _____ (HTTP) is the foundation of the web.
12. CSS Grid is used for _____ layouts.
13. JavaScript's _____ (DOM) is used to manipulate web pages.
14. Ruby on Rails is a _____ web framework.
15. WordPress is a popular _____ CMS.
16. MySQL is a _____ database management system.

17. RESTful APIs use _____ HTTP methods.
18. Angular is a _____ front-end framework.
19. Vue.js is a _____ progressive framework.
20. Bootstrap is a popular _____ framework.
21. GraphQL is a _____ query language.
22. CSS Flexbox is used for _____ layouts.
23. Webpack is a _____ module bundler.
24. TypeScript is a _____ programming language.
25. React Router is a _____ routing library.
26. Gatsby is a _____ site generator.
27. Sass is a _____ CSS preprocessor.
28. WebSockets enable _____ communication.
29. MongoDB is a _____ NoSQL database.
30. Docker is a _____ containerization platform.
31. Service Workers are used for _____ caching.
32. WebAssembly is a _____ binary format.
33. PWA (Progressive Web App) is a _____ web application.
34. CSS Variables are used for _____ styling.
35. Webpack is a _____ build tool.
36. TypeScript is a _____ superset of JavaScript.
37. GraphQL is a _____ query language.
38. Firebase is a _____ backend platform.
39. SASS is a _____ CSS preprocessor.

40. Resilient Web Design is a book about _____ web design.
41. ARIA attributes are used for _____ accessibility.
42. Webpack's Module Bundling is used for _____ optimization.
43. Svelte is a _____ front-end framework.
44. WebVR is a _____ virtual reality standard.
45. PWA's Service Worker is used for _____ offline support.
46. CSS Grid is used for _____ layouts.
47. TypeScript's type checking is used for _____ code quality.
48. GraphQL's queries are used for _____ data retrieval.
49. Docker's containers are used for _____ application isolation.
50. Responsive Web Design is a technique for _____ layouts.

Answers are provided for questions 51 to 100

51. Accessibility guidelines are outlined in the _____ (WCAG).
52. Browser caching is managed through the _____ (HTTP) headers.
53. CSS Flexbox is used for _____ layouts (flexible box).

54. Webpack's tree-shaking feature removes _____ code (unused).
55. TypeScript's interfaces define _____ (types).
56. GraphQL's schema defines the _____ (types and fields).
57. Service Workers cache resources in the _____ (browser's cache).
58. PWA's manifest file defines the _____ (app name, icons, etc.).
59. WebVR uses the _____ (WebGL) graphics library.
60. Docker containers run on the _____ (Linux) kernel.
61. CSS Grid templates are defined using the _____ (grid-template) property.
62. Webpack's code splitting feature creates _____ (separate files).
63. TypeScript's type inference infers _____ (types).
64. GraphQL's resolvers handle _____ (data fetching).
65. Service Workers handle _____ (network requests).
66. PWA's offline support is enabled by the _____ (service worker).
67. WebVR's rendering is handled by the _____ (WebGL renderer).
68. Docker images are stored in a _____ (registry).

69. Responsive Web Design adapts to _____ (screen sizes).
70. Progressive Web Apps are built using _____ (modern web technologies).
71. CSS Media Queries are used for _____ (responsive design).
72. Webpack's Hot Module Replacement (HMR) enables _____ (instant code updates).
73. TypeScript's interfaces are used for _____ (type checking).
74. GraphQL's subscriptions enable _____ (real-time updates).
75. Service Workers can cache resources from _____ (different origins).
76. PWA's Web App Manifest defines _____ (app metadata).
77. WebVR's Three.js library provides _____ (3D rendering).
78. Docker Compose is used for _____ (multi-container applications).
79. Responsive Web Design uses _____ (flexbox and grid).
80. Progressive Web Apps are optimized for _____ (mobile devices).

81. CSS Grid Template Areas are defined using the

_____ (grid-template-areas) property.

82. Webpack's Code Splitting can create _____

(separate bundles).

83. TypeScript's Type Inference can infer _____ (types from code).

84. GraphQL's Mutations are used for _____ (data manipulation).

85. Service Workers can handle _____ (push notifications).

86. PWA's Web App Manifest includes _____ (icons and splash screens).

87. WebVR's A-Frame library provides _____ (VR components).

88. Docker Swarm is used for _____ (container orchestration).

89. Responsive Web Design uses _____ (media queries and breakpoints).

90. Progressive Web Apps are built using _____ (modern web standards).

91. CSS Flexbox is used for _____ (flexible layouts).

92. Webpack's Module Bundling creates _____ (optimized bundles).

93. TypeScript's Type Checking ensures _____ (correct types).

94. GraphQL's Queries are used for _____ (data retrieval).

95. Service Workers can cache resources from _____ (different domains).

96. PWA's Web App Manifest includes _____ (app metadata).

97. WebVR's Three.js library provides _____ (3D graphics).

98. Docker Compose is used for _____ (multi-container deployment).

99. Responsive Web Design adapts to _____ (different screen sizes).

100. Progressive Web Apps are built using _____ (modern web technologies).

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