**INTERVIEW QUESTIONS**

**(UI FULL STACK WEB DEVELOPMENT)**

* **Html-4 & CSS-2**

1. Which frame work we have experience with?
2. List out editors you have experienced with?
3. What is the basic structure of HTML page?
4. What are the predefined HTML tag you have experienced with?
5. What are attributes, list out some predefined HTML attributes?
6. Why do we use Id attribute?
7. Difference between inline CSS and CSS class?
8. Limitations by using inline CSS?
9. What is a CSS class? Different types of classes can be created on a page?
10. What are the different ways we can create classes in HTML?
11. What are the different ways we could apply CSS properties to HTML elements?
12. Why inline and tag base are not recommended?
13. What is the default properties order browser follows while applying CSS to elements?
14. What is the higher and lower properties considered?
15. How do you over write default property order?
16. What is ‘!’ mark important?
17. What is difference between inline element and block level element?
18. What do you mean by CSS box model?
19. How do you maintain space between or with in DOM element?
20. What is the CSS property through which we could able to add text content through CSS?
21. What is difference between pseudo classes and pseudo elements ?
22. How does using tables in a page decrease of performance of a page?
23. What attributes are used to merge multiple cells to form a single cell?
24. What is CSS display property?
25. Difference between display 'none' and visibility 'hidden'?
26. What are different ways we can hide a DOM element with the page?
27. What are the different steps you follow to increase the performance of a web page?
28. What is image spriting concept?
29. What are the possible values the display property takes?
30. How do we force a block level element to get render as like an inline element?
31. What are the different CSS properties we applied to move the element to any required position without increasing it’s dimensions ?
32. What is difference between absolute and relative positions?
33. Different between fixed and sticky position?
34. What properties an element with position static is going to code?
35. When does an element will under X, Y-axis and in Z-axis?
36. How do we control default rendering order of elements within Z-axis?
37. How does using tables within a page will decrease the performance of a page?
38. What are the different input controllers you have worked with?
39. What is the form tag and what are it’s default attributes?
40. What are the different types of communications can be established between client and server?
41. Different between input type submit and input type button?

* **JavaScript**

1. Why JavaScript is called client side scripting language?
2. Why JavaScript is use while developing a web page?
3. What are the data types, list of JavaScript supports?
4. What is type casting and dynamic type casting in JavaScript ?
5. What is type of method?
6. What tools you have experienced with for debugging JavaScript code?
7. What are the different ways we inject JavaScript code to web pages?
8. What is variable hoisting in JavaScript, why does JavaScript implements hoisting concepts?
9. List out the control structures supported in JavaScript ?
10. Difference between = , == , === ?
11. Difference between “WhileLoop” and “DoWhileLoop’’ control structure?
12. What are the list of control structure JavaScript supports?
13. What are the new looping control structure supporting ACMA6 ?
14. How does switch case increases performance of the page ?
15. Difference between the ‘else’ and ‘else if’ control structure ?
16. What is data structure , List out the data structure supported in JavaScript ?
17. What is an array?
18. Is array’s are homogenous or heterogynous data structure ?
19. What are the predefined methods which can be applied on array ?
20. How do we insert or delete values at any required position within the array ?
21. What is the difference between “splice” and “slice” method ?
22. List out the predefined methods can be applied on a string ?
23. How do you find out the total number of spaces within a string ?
24. How do we find out the total number of words within the provide string ?
25. Write a program to find out the total number of vowels ?
26. Write a program to find out the total number of uppercase characters present within a string ?
27. List out the data structure supported in JavaScript ?
28. Difference between Array and JSON object ?

* **Functions**

1. What is function in JavaScript ?
2. How do we implement modularity in an application code ?
3. Difference between local and global variables ?
4. What is scope of a variable, what does its specifications ?
5. What are the difference ways we can access private data of an function into another function ?
6. Difference between passing parameters and returning values ?
7. What are the different ways to we can return multiple values from a function ?
8. What is overriding and overloading function does JavaScript supports ?
9. What is arguments keywords in JavaScript ?

* **JSON Object**

79. What is difference between JSON and Array data structure?

80. What is the looping control structure used to iterate over a JSON object?

81. What is the internal memory structure for a JSON object?

82. What are the features which are making JSON object so popular ?

83. How do we store multiple objects under a single Array?

84. What should be the data type of keys inside a JSON object ?

85. How do we add methods to the keys of JSON object ?

* **DHTML & Advanced JavaScript**

86. What is HTML coding related to?

87. List out the predefined methods using which we could able to refer or select an existing DOM element with in the page?

88. How do we dynamically set or get attribute of elements?

89. How do we create element dynamically in Java Script?

90. What are the different ways we can handle events in the page?

91. What are the possible parameters add event listener?

92. List out the attributes using which we handle static events?

93. What is the call back function?

94. What is an anonymous functions ?

95. What is the difference between event bubbling and event capturing?

96. What are the different ways we can create classes in JavaScript?

97. What is a constructor?

98. How do we implement inheritance between two classes?

99. What are the different of inheritance been supported by JavaScript?

100. How do we invoke a constructor of parent class to child class?

101. How do we implement run time exception in JavaScript?

102. Explain the key words Try , Catch , Finally and Throw ?

103. How do we implement data security in JavaScript?

104. What are the different steps to be followed to access the closure data outside of closure ?

* **Jquery(V3.6)**

105. What are the different ways we can add security to the JavaScript code ?

106. Which version of Jquery you have experienced with?

107. What is the difference between a minified and non-minified JavaScript file ?

108. What advantages we get by using minified JavaScript files ?

109. Difference between Load and Ready methods ?

110. Why do we actually uses Jquery in web application development ?

111. What are the different ways we can create an AJAX cal ?

112. What is a web service, How does it help in web application development ?

113. Difference between Synchronous and Asynchronous communication ?

114. How do we force an AJAX call ?

115. What is XML why it is used for ?

116. What is XML and JSON , Which one is preferred ?

117. What are cross domain issues ?

118. What are the different ways we handle cross domain issues while doing an AJAX cal ?

119. Difference between JSON and JSONP ?

120. What is CORS setup? How does it help in an AJAX cal ?

121. What do you mean by templating? How does it helps in developing the web application ?

122. What are the different API ‘s you have experienced with ?

* **HTML5**

123. What is difference between html4 and HTML5?

124. What are the new features introduced under HTML5?

125. What are the new set of semantic tags in HTML5?

126. How do you make a webpage to accessible even if you are offline?

127. How do we create a Page which works according to the end user system browser specific and operating system specific?

128. Explain audio and video tags?

129. How do we get the current using location without using any maps API?

130. What is the difference between canvas and SVG tag ,what are they used for?

* **CSS3**

131. What are flex containers?

132. How to create flexible items using CSS ?

133. What Is box shadow &Text shadow CSS properties ?

134. What are the different options CSS3 provides to implement 3D animations?

135. What possible values a transform property takes?

136. Explain CSS animation property?

137. Steps to create a key frame?

138. What is multi colon layout?

139. What are the possible CSS properties which can be applied only for a flex container?

140. What are the possible CSS properties that can be Applied only for a flex items?

141. What is responsive of webpage , How do we achieve it ?

142. What are the external libraries or frame works you have experienced with to achieve responsiveness ?

143. What Is bootstrap which version of bootstrap you have experienced with?

144. How to add multiple colours as a background to a container?

145. Difference between radial and linear gradients?

* **Bootstrap**

146. Which version of Bootstrap you have experienced with ?

147. Explain the grid system in Bootstrap ?

148. How do you achieve responsiveness look and feel without Bootstrap API?

149. What are the components you have experienced with Bootstrap ?

150. What are the external libraries Bootstrap is depends on ?

* **ECMA6**

151. What are the new Data Structure been supported from ECMA6 ?

152. What are the JavaScript promises explain with syntax ?

153. Difference between a normal function and arrow functions ?

154. Explain the default parameter values in functions ?

155. What is string interpolation (or) template literals ?

156. How to import an external JavaScript file into another JavaScript file ?

157. Explain export and import keywords in JavaScript ?

158. Difference between set and array data structure ?

159. Difference between MAP and JSON data structure ?

160. Difference between MAP , FILTER and find array methods ?

161. What are promises, what are the keywords through which we implement promises in java script ?

162. Explain the keywords ‘async’ and ‘await’ ?

163. Difference between let, constant, var keywords ?

164. Difference between local, module and block scope ?