

WEB PROGRAMMING

INTERVIEW QUESTIONS UNIT-1

1. Which event is fired as the mouse is moving over an element when a drag is occurring?

Answer : dragover

2. Which event is fired on the element where the drop occurred at the end of the drag operation.

Answer: drop

3. Which of the following property is used to determine which drag operation was desired?

Answer: dropEffect

4. Which API allows scripts in a document from one server to exchange messages with scripts?

Answer: Cross-Document Messaging API

5. Which method is used to add a binding?

Answer: bind()

6. Web Workers don't stop by themselves but the page that started them can stop them by calling terminate() method.

A) True

B) False

Answer: A) True

7. JavaScript was designed to run in a single-threaded environment, meaning multiple scripts cannot run at the same time.

A) Yes

B) No

Answer: A) Yes

8. Which is a JavaScript running in the background, without affecting the performance of the page.

- A) Web Worker
- B) Canvas
- C) SVG
- D) None of the above

Answer: A) Web Worker

9. Since web workers are in external files, they do not have access to which of these JavaScript objects.

- A) The window object
- B) The document object
- C) The parent object
- D) All the mentioned above

Answer: D) All the mentioned above

10. To reuse the web worker which code is used.

- A) w.terminate();
- B) w = undefined;
- C) w = terminate;
- D) w.undefined();

Answer: B) w = undefined;

11. When executing scripts in an HTML page, the page becomes responsive until the script is finished.

- A) True
- B) False

Answer: B) False

12. From the following give the suitable advantages that are given by application cache?

- A) Offline browsing
- B) Speed
- C) Reduced server load
- D) All the mentioned above

Answer: D) All the mentioned above

13. In the application cache which browser will only download updated/changed resources from the server?

- A) Offline browsing
- B) Speed
- C) Reduced server load
- D) All the mentioned above

Answer: C) Reduced server load

14. Which version browser for chrome that fully supports application cache.

- A) 3.0
- B) 2.0
- C) 4.0
- D) None

Answer: C) 4.0

15. A manifest file needs to be served with the correct media type, which is "text/cache-manifest" and that must be configured on the web server.

- A) True
- B) False

Answer: A) True

16. Which files are listed under this header that requires a connection to the server, and will never be cached.

- A) CACHE MANIFEST
- B) NETWORK
- C) FALLBACK
- D) None of the above

Answer: B) NETWORK

17. For updating the cache, it remains cached until one of the following happens.

- 1) The user clears the browser's cache
 - 2) The manifest file is modified.
 - 3) The application cache is programmatically updated
- A) True
 - B) False

Answer: A) True

18. Which is designed for storage that spans multiple windows, and lasts beyond the current session.

- A) Session Storage
- B) Local Storage
- C) Both A & B
- D) None of the above

Answer: B) Local Storage

19. To clear a local storage all setting you would need to call.

- A) `localStorage.remove('key')`
- B) `localStorage.clear()`
- C) Both A & B
- D) None of the above

Answer: B) `localStorage.clear()`

20. The Session Storage Data would be deleted by the browsers immediately after the session gets terminated.

- A) True
- B) False

Answer: A) True

21. Which is designed for scenarios where the user is carrying out a single transaction, but could be carrying out multiple transactions in different windows at the same time.

- A) Local Storage
- B) Session Storage
- C) Both A & B
- D) None of the above

Answer: B) Session Storage

22. From the following give the suitable advantages that are given by application cache?

- A) Offline browsing
- B) Speed
- C) Reduced server load
- D) All the mentioned above

Answer: D) All the mentioned above

23. In the application cache which browser will only download updated/changed resources from the server?

- A) Offline browsing
- B) Speed
- C) Reduced server load
- D) All the mentioned above

Answer: C) Reduced server load

24. Which version browser for chrome that fully supports application cache.

- A) 3.0
- B) 2.0
- C) 4.0
- D) None

Answer: C) 4.0

25) A manifest file needs to be served with the correct media type, which is "text/cache-manifest" and that must be configured on the web server.

- A) True
- B) False

Answer: A) True

26) Which files are listed under this header that requires a connection to the server, and will never be cached.

- A) CACHE MANIFEST
- B) NETWORK
- C) FALLBACK
- D) None of the above

Answer: B) NETWORK

27) For updating the cache, it remains cached until one of the following happens.

- 1) The user clears the browser's cache
 - 2) The manifest file is modified.
 - 3) The application cache is programmatically updated
- A) True
 - B) False

Answer: A) True

28) Which section below specifies that "offline.html" will be served in place of all files in the /html/ catalog, in case an internet connection cannot be established.

- A) CACHE MANIFEST
- B) NETWORK
- C) FALLBACK
- D) None of the above

Answer: C) FALLBACK

29) The recommended file extension for manifest files is: ".cacheapp".

- A) True
- B) False

Answer: B) False

30)Which advantage of application cache gives the cached resources load faster

- A) Offline browsing
- B) speed
- C) Reduced server load
- D) None of the above

Answer: B) speed

31) Drag and Drop (DnD) is powerful User Interface concept which makes it easy to.

- A) Copy
- B) Deletion
- C) Reorder
- D) All the mentioned above

Answer: D) All the mentioned above

32) HTML 5 DnD is supported by all the major browsers like Chrome, Firefox 3.5 and Safari 4.

- A) True
- B) False

Answer: A) True

33) Drag and Drop (DnD) is powerful User Interface concept which makes it easy to copy, reorder and deletion of items with the help of.

- A) Keyboard
- B) Mouse
- C) Both A & B
- D) None of the above

Answer: B) Mouse

34) Which event will fire every time when the mouse is moved while the object is being dragged.

- A) Drop
- B) Drag
- C) Dragend
- D) Dragstart

Answer: B) Drag

35) Which event is fired as the mouse is moved over an element when a drag is occurring. Much of the time, the operation that occurs during a listener will be the same as the dragenter event.

- A) Dragleave
- B) Dragover
- C) Dragstart
- D) Dragenter

Answer: B) Dragover

36) Which data transfer attribute returns the specified data. If there is no such data, returns the empty string.

- A) data = dataTransfer.getData(format)
- B) dataTransfer.setData(format, data)
- C) dataTransfer.files
- D) dataTransfer.setDragImage(element,x,y)

Answer: A) data = dataTransfer.getData(format)

37) These are the steps for,

- a) The dragenter event, which is used to determine whether or not the drop target is to accept the drop. If the drop is to be accepted, then this event has to be canceled.
- b) The dragover event, which is used to determine what feedback is to be shown to the user. If the event is canceled, then the feedback (typically the cursor) is updated based on the dropEffect attribute's value.

- A) Dragging the object
- B) Dropping the object
- C) Both A & B
- D) None of the above

Answer: B) Dropping the object

38) The following description is given for which data transfer attribute?

- a) Returns the kind of operation that is currently selected.
- b) This attribute can be set, to change the selected operation.
- c) The possible values are none, copy, link, and move.

- A) dataTransfer.effectAllowed [= value]
- B) dataTransfer.dropEffect [= value]
- C) dataTransfer.types
- D) dataTransfer.clearData([format])

Answer: B) dataTransfer.dropEffect [= value]

39) The drop event fires when the user releases the mouse button while dragging an object.

- A) True
- B) False

Answer: B) False

40) HTML5 came up with a Drag and Drop (DnD) API that brings native DnD support to the browser making it much easier to code up.

- A) Yes
- B) No

Answer: A) Yes

41. Which of the following is a way of embedding Client-side JavaScript code within HTML documents?

- a. From javascript:encoding
- b. External file specified by the src attribute of a 'script' tag
- c. All of the mentioned
- d. None of the mentioned

Answer: (b).External file specified by the src attribute of a 'script' tag

42. When does JavaScript code appear inline within an HTML file?

- a. Between the 'script' tag
- b. Outside the 'script' tag
- c. Between or Outside the 'script' tag
- d. None of the mentioned

Answer: (a).Between the 'script' tag

43. One of the main advantage of using src attribute is

- a. It becomes self-cached
- b. It makes the HTML file modular
- c. It restricts manipulation in the HTML file
- d. It simplifies the HTML files

Answer: Option D

44. Which identifier is used to represent a web browser window or frame?

- a. frames
- b. window
- c. location
- d. frame

Answer: Option B

45) The "function" and " var" are known as:

- a) Keywords
- b) Data types
- c) Declaration statements
- d) Prototypes

Answer: C

Explanation: The "function" and "var" both are the Declaration statements. These both are used for defining, and declaring variable, function in anywhere in the program.

46) Which of the following variables takes precedence over the others if the names are the same?

- a) Global variable
- b) The local element
- c) The two of the above
- d) None of the above

Answer: B

Explanation: In JavaScript, the local variable takes precedence over the global variable if the name of both local and global variables is the same.

47) Which of the following type of a variable is volatile?

- a. Mutable variable
- b. Dynamic variable
- c. Volatile variable
- d. Immutable variable

Answer: A

Explanation: The variables whose value can be modified that kind of variable are known as Mutable variable. In the JavaScript, only arrays and objects are mutable but not the primitive values.

48) In the JavaScript, which one of the following is not considered as an error:

- a. Syntax error
- b. Missing of semicolons
- c. Division by zero
- d. Missing of Bracket

Answer: C

Explanation: Yes, you heard right that division of any integer by zero is not an error in the JavaScript. It just prints the infinity as a result. However, there is an exception in JavaScript, dividing zero with zero will not have any defined number/value so, the result of this specific operation is a special value "Not a Number" (or NaN) and printed as NaN.

49) Which of the following function of the String object returns the character in the string starting at the specified position via the specified number of characters?

- a. slice()
- b. split()
- c. substr()
- d. search()

Answer: C

Explanation: The method " Subtr()" in the javascript is used to return the characters in the string starting at the specified position via the specified number of the characters.

50) In JavaScript, what will be used for calling the function definition expression:

- a. Function prototype
- b. Function literal
- c. Function calling
- d. Function declaration

Answer: B

Explanation: A function definition expression is a kind of "function literal" just like as the object initializer is a kind of "object literal". The function definition expression (or we can say a function literal) consists of the keyword `Function`, followed by the set of identifiers(or parameters names) that are separated by commas inside the parenthesis, and a small block of JavaScript code(which we normally called function body/definition) enclosed in the curly braces.