

HOF Development Engineer Assessment (Recommended Time Limit: 30 minutes)

1) Which one of the following also known as Conditional Expression:

- A. Alternative to if-else
- B. Switch statement
- C. If-then-else statement
- D. immediate if

2) Among the following given JavaScript snipped codes, which is more efficient:

Code A

- 1. for(var number=10;number>=1;number--)
- 2. {
- 3. document.writeln(number);
- 4. }

Code B

- 1. var number=10;
- 2. while(number>=1)
- 3. {
- 4. document.writeln(number);
- 5. number++;
- 6. }

- A. Code 1
- B. Code 2
- C. Both Code 1 and Code 2
- D. Cannot Compare

3) Which of the following is the correct output for the following JavaScript code:

- 1. varx=5,y=1
- 2. var obj={ x:10}
- 3. with(obj)
- 4. {
- 5. alert(y)
- 6. }

- A. 1
- B. Error
- C. 10
- D. 5

4) When interpreter encounters an empty statements, what it will do:

- A. Shows a warning
- B. Prompts to complete the statement
- C. Throws an error
- D. Ignores the statements

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

- A. Keywords
- B. Data types
- C. Declaration statements
- D. Prototypes

6) <input> is -

- A. a format tag.
- B. an empty tag.
- C. All of the above
- D. None of the above

7) Which of the following tag is used to make the underlined text?

- A. <i>
- B.
- C. <u>
- D. <pre>

8) How to create a checkbox in HTML?

- A. <input type = "checkbox">
- B. <input type = "button">
- C. <checkbox>
- D. <input type = "check">

9) Which of the following tag is used to define options in a drop-down selection list?

- A. <select>
- B. <list>
- C. <dropdown>
- D. <option>

10) HTML tags are enclosed in-

- A. # and #
- B. { and }
- C. ! and ?
- D. < and >

11) Which of the following is not a value of the font-variant property in CSS?

- A. normal
- B. small-caps
- C. large-caps
- D. inherit

12) Which of the following CSS property is used to specify whether the table cells share the common or separate border?

- A. border-collapse
- B. border-radius
- C. border-spacing
- D. None of the above

13) The CSS property used to make the rounded borders, or rounded corners around an element is -

- A. border-collapse
- B. border-radius
- C. border-spacing
- D. None of the above

14) The CSS property used to set the distance between the borders of the adjacent cells in the table is -

- A. border-collapse
- B. border-radius
- C. border-spacing
- D. None of the above

15) Which of the following selector in CSS is used to select the elements that do not match the selectors?

- A. :! selector
- B. :not selector
- C. :empty selector
- D. None of the above

16) Which of the following is not a type of combinator?

- A. >
- B. ~
- C. +
- D. *

17) Which statement is true regarding procedures?

- A. They include procedural and SQL statements.
- B. They work similarly to the functions.
- C. It does not need unique names.
- D. It cannot be created with SQL statements.

18) Which of the following is the basic approaches for joining tables?

- A. Union JOIN
- B. Natural JOIN
- C. Subqueries
- D. All of the above

19) Why we need to create an index if the primary key is already present in a table?

- A. Index improves the speed of data retrieval operations on a table.
- B. Indexes are special lookup tables that will be used by the database search engine.
- C. Indexes are synonyms of a column in a table.
- D. All of the above

20) Group of operations that form a single logical unit of work is known as

- A. View
- B. Network
- C. Unit
- D. Transaction