FRONT END – PART 1
FORMS

(Forms Use)

1. What is the use of Forms in HTML?

a) to display contents   **b) to collect user's input**

c) to search the site by user's input   d) none of the above

(Input Tag)

2. Input tag is generally used within:

a) <title> element   **b) <form> element**

c) <meta> element   d) <head> element

SOLUTION DESCRIPTION:

It is used to create interactive controls for forms in order to accept data from the user within the form element.

(Label tag)

3. Select the correct statements about the label tag.

a) <label> tag in HTML is used to specify a label that you want to show for an <input> element of a form.

b) <label> tag is an inline element.

c) 'for' attribute used in <label> tag refers to the id of the element this label is associated with.

d) All of the above.

(Take Input From User)

4. Which element is used to take input from the user that can be send to the server?

a) <form>   b) <label>

c) <input>   d) <select>

(Default of Type Attribute)

5. What is the default 'type' attribute of <input> element?

a) text   b) password

c) numerals   d) date

(Not Input Type Value)

6. Which of them is not the value of the input's type attribute?

a) email   b) password   c) hidden

d) range   e) week   **f) None of these**

SOLUTION DESCRIPTION:

Hint: Refer to the extra link given in Notes to get a list of input type attributes.

(Compulsory to Fill)
7. Adding which of the following to input box make it compulsory to be filled out when submitting the form?

a) type="required"   **b) required**

c) important   d) compulsory

(Create Check Box)
8. Which tag creates a check box for a form in HTML?

a) <checkbox></checkbox>   **b) <input type="checkbox">**

c) <input=checkbox>   d) <input checkbox>

(Label For Attribute)
9. How does the "for" attribute of label links to input box?

a) set the "name" attribute of input to same value as "for" attribute

b) set the "value" attribute of input to same value as "for" attribute

c) set the "id" attribute of input to same value as "for" attribute

d) all the above options are necessary

(Same Value For Name)
10. Choose the correct statement regarding elements having same value of "name" attribute.

a) Elements with <input type="checkbox"> can have multiple value because multiple checkboxes can be selected and part of same set

b) Elements with <input type="radio"> can have same value because multiple radio buttons can be selected and part of same set

c) Elements with <input type="checkbox"> can have same value because only one checkbox can be selected and part of same set

d) Elements with <input type="radio"> can have same value because only one radio button can be selected and part of same set

(Radio Buttons vs Checkboxes)
11. Which of the following HTML elements will allow the user to choose none, one, several or all items?

a) Radio buttons   **b) Checkboxes**

c) Specially designed radio button   d) Dropdown list

SOLUTION DESCRIPTION:

Explanation: Radio buttons allow one option to be selected out of all available options. whereas checkboxes allow multiple options to be selected. If a checkbox is unchecked when its form is submitted then there is no option/value submitted to the server.

(For Attribute)

12. How does the "for" attribute of the label link to the input box?

  a) Set the "name" attribute of input to the same value as "for" attribute.

  b) Set the "value" attribute of input to the same value as the "for" attribute.

  c) Set the "id" attribute of input to the same value as "for" attribute.

  d) All the above options are necessary.

SOLUTION DESCRIPTION:

  Explanation: You need to give the "input" an "id" attribute then "label" needs a for attribute
    whose value is the same as the input's Id.

(Multi Line Input)

13. Which element is used to create multi-line text input?

  a) text   **b) textarea**

  c) submit   d) radio

(Drop Down)

14. To create a drop down which tag will you use?

  a) <select>   b) <list>

  c) <input type="dropdown">   d) Any of them will work

(Used With Select)

15. Which attribute can be used with <select> element?

  a) selected   b) value

  c) multiple   d) none of the above

(Action Specifies)

16. What does the action attribute defines?

  a) The action attribute specifies where to send the form-data when a form is not submitted.

  b) The action attribute specifies where to send the form-data when a form is submitted.

  c) Specify the method to call when the form is submitted

  d) None of the above

SOLUTION DESCRIPTION:

  Explanation: 'action' attribute is used to specify where the form data is to be sent to the server
    after submission of the form.

(Method Specifies)

17. The method attribute specifies -

  a) the method name that process the form data

  b) the URI of program that processes the form data

c) the method that the browser uses to submit the form

d) none of the above

(Not Method Value)
18. Which of the following is not the keyword of form method attribute?
a) GET

b) POST

c) OUT

d) None of these

(Suitable Request Methods)
19. Which method would be more appropriate in the form where a user enters a password such as a login form?
a) GET

b) POST

c) PUT

d) None of the above

SOLUTION DESCRIPTION:

Explanation: The POST method is more appropriate if the user supplies sensitive information like passwords.

It transfers information via HTTP headers. But the GET method appends the data with the URL to send it to the server. Sending data this way is insecure as one can easily see the contents of the URL.

(Audio Tag)
20. Which of the following tag is used for audio in HTML5 ?
a) <video>

b) <canvas>

c) <media>

d) <audio>

(Multiple Media Resources)
21. Which tag is used to defines multiple media resources for media elements audio and video?
a) <canvas>

b) <source>

c) <media>

d) none of the above

(Audio Controls)
22. Which of the following attribute adds audio controls, like play, pause, and volume?
a) audio

b) source

c) src

d) controls

(Figcaption Used With)
23. With which element can the figcaption be used?
a) figure

b) caption

c) img

d) any tag

(Metadata)

24. Metadata store information about the web page that is not necessarily visible to end users.

a) True   b) False

(Metadata Container)

25. In which part of the HTML metadata is contained?

a) body tag   b) html tag

c) head tag   d) title tag

(Associated Value)

26. Which attribute gives the value associated with the http-equiv or name attribute?

a) content   b) name

c) charset   d) http-equiv

SOLUTION DESCRIPTION:

The content attribute can only be used with "name" and "http-equiv" attributes only. The name attribute specifies a name for the value of the content attribute. The http-equiv attribute provides an HTTP header for the value of the content attribute.

(Name in Metadata)

27. What does the name attribute in meta tags specify?

a) HTTP header value   **b) name of the metadata**

c) name of character encoding   d) all of the above

ASSIGNMENT

(Auto Play Media)

28. In HTML Audio/Video,which attribute sets or returns whether it should start playing as soon as it is loaded?

a) controls   b) audio

c) autoplay   d) loop

(Group in Drop Down List)

29. Which of the following element defines a group of related options in a drop-down list?

a) <form>   **b) <optgroup>**

c) <output>   d) <option>

SOLUTION DESCRIPTION:

Explanation: The optgroup tag is used to group related options in a dropdown list. This makes it easier to understand their choices when looking at a large list.

30. Which attribute will make a checkbox selected/ ticked by default?

a) ticked   b) select

c) selected   **d) checked**

31. What is the value of rel attribute to describe a favicon?

a) favicon   b) image

c) icon   d) fav

`SOLUTION DESCRIPTION:`

Explanation: rel attribute defines the relationship between the current page and the linked resource. rel = "icon" value describes the favicon or web page icon that visually represents the website.

32. What is the role of charset attribute? It specifies -

a) a scheme to be used to interpret the value of the content attribute

b) a name for the metadata

c) the character encoding for the HTML document

d) none of the mentioned

33. In which of the following ways can a submit button be created?

a) <input type="submit" value="Submit" />

b) <button>Submit</button>

c) <button type="submit">Submit</button>

d) <button submit>Submit</>

e) <input-button>Submit</input-button>

f) <submit>Submit</submit>

34. When form data contains sensitive information, then which method should be used?

a) Get   **b) Post**

c) Put   d) Out

`SOLUTION DESCRIPTION:`

The post method is used to send critical data. The data is automatically passed in header of the request send and is accessible to the server.

35. What is the correct syntax to add user controllable mp4 video to the HTML?

a) <video controls><source src="xyz.mp4" type="video"></video>

b) <video><source src="xyz.mp4" type="video/mp4"></video>

c) <video controls><source src="xyz.mp4" type="video/mp4"></video>

d) all of the above

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