

Seat No. : _____

MP-103

May-2022

B.C.A, Sem.-II

CC-109 : Dynamic HTML and XML

Time : 2 Hours]

[Max. Marks : 50

- Instructions :**
- (1) All Questions in Section – I carry equal marks.
 - (2) Attempt any **two** questions in Section – I.
 - (3) Question – **5** in Section – II is Compulsory.

Section – I

1. Answer the following :
 - (A) Explain all media elements with attributes and example. **10**
 - (B) List and explain any five input type attribute values in form with example. **10**

2. Answer the following :
 - (A) What are events in JavaScript ? Explain any five events with example. **10**
 - (B) Define JavaScript. Explain built-in functions of JavaScript with example. **10**

3. Answer the following :
 - (A) What is traversing ? Explain methods with example to find parent element. **10**
 - (B) What is JQuery ? Explain basic syntax and document ready event with example. **10**

4. Answer the following :
 - (A) What is DTD ? Explain element and attribute type declaration in DTD with example. **10**
 - (B) Differentiate between XML and HTML. Explain Xlink, Xpointer and Xpath of XML standards. **10**

Section – II

10

5. Attempt the following : (Any Five)

(1) The _____ element is used to render simple graphics such as line art, rectangle and other custom graphical elements in HTML5.

- (a) Graph (b) Canvas
(c) Drawing (d) Shape

(2) The _____ element is used to specify a list of predefined option for input control in HTML5.

- (a) <datalist> (b) <embed>
(c) <source> (d) <Shape>

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

```
string X= "Good";  
string Y="Evening";  
alert(X+Y);
```

- (a) Good (b) Evening
(c) GoodEvening (d) Undefined

(4) It is possible to nest functions in JavaScript. (T/F).

(5) \$ sign is used to define/access jQuery. (T/F).

(6) The correct syntax to set the background color of all h1 elements to yellow in jQuery

- (a) \$("h1").style("background-color","yellow"); (b) \$("h1").layout("background-color","yellow");
(c) \$("h1").html("background-color","yellow"); (d) \$("h1").css("background-color","yellow");

(7) XML has custom tags. (T/F)

(8) The process of checking whether a document conforms to the rules of DTD is called _____

- (a) Checking (b) Validation
(c) Confirmation (d) Declaration

(9) All XML elements must have a closing tag. (T/F)

(10) <legend> is used to assign a caption to a set of form fields as defined by a <fieldset> element. (T/F)