MU-107

March-2019

B.C.A., Sem.-II

CC-109 : Dynamic HTML & XML
(Old Course)

Time : 2:30 Hours]   **[Max. Marks : 70**

1. (A) Answer the questions in detail :
   - (i) Which are the different types of CSS explain with example.   **7**
   - (ii) Explain all CSS Text Properties in detail.   **7**

   OR
   - (i) Explain CSS Padding and Margin Properties in detail.
   - (ii) Explain CSS Positioning in detail with example.

   (B) Answers the following question : (any **4**)   **4**
   - (1) _____ Special symbol is use in CSS for ID selector.
   - (2) _____ Font Property is use for change font.
   - (3) _____ List Property is used to set image as a bullet.
   - (4) We can use group of tag in CSS code. (True/False)
   - (5) Write a CSS code for set Gujarat University in div tag.
   - (6) _____ Tag is used to add external CSS in html document.

2. (A) Answer the questions in detail :
   - (i) Explain JavaScript operators with example.   **7**
   - (ii) Explain JavaScript Flow Control Statements in detail with example.   **7**

   OR
   - (i) List the different types of Selectors in JavaScript. Explain all in detail.
   - (ii) What is function and Event in JavaScript explain with example.

   (B) Answer the following questions : (any **4**)   **4**
   - (1) We can write JavaScript in side body. (True/False)
   - (2) _____ method is used to get value of control in JavaScript.
   - (3) _____ Pop-up Window has only Ok Button.
   - (4) _____ keyboard event will work while key will release.
   - (5) _____ JavaScript operator is use to match data type of variable.
   - (6) var a=2;var b="5";var ans=2+5; document.write(ans); what is the output of JavaScript ?

3. (A) Answer the questions in detail :
   (i) What is XML? Explain XML Terminologies. **7**
   (ii) Explain difference between HTML and XML. **7**

   OR

   (i) List the XML Standards. Explain XLINK, XQUERY and XPOINTER.
   (ii) Write an XML Tag Rules in detail.

   (B) Answer the following questions : (Any **3**) **3**
   (1) Full Form of XML
   (2) <book></BOOK> is a valid XML Tags. (True/False)
   (3) There must be Root Tag in XML. (True/False)
   (4) Which are the different types of entities in XML ?
   (5) /* */ is a valid Comment in XML. (True/False)

4. (A) Answer the questions in detail :
   (i) Explain Sequences, Occurrences and Choices in DTD. **7**
   (ii) What is XSL ? Explain XSL Transformation steps. **7**

   OR

   (i) Write a short note on XPATH.
   (ii) Which are the different possibilities for XML Document Verification in DTD, explain in detail.

   (B) Answer the following questions : (any **3**) **3**
   (1) Which are the different types of DTD ?
   (2) Full form of PCDATA.
   (3) _____ is used at time of DTD for crating Element with no data.
   (4) _____ element is use for conditional processing in XSL
   (5) _____ element is use for Copy in XSL.

   _____

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1. (A) Answer the questions in detail :
   - (i) Explain all Input Type in detail with example.   7
   - (ii) Explain Meter, Mark and Progress Tag with example.   7

   OR
   - (i) Explain HTML-5 Structure with example.
   - (ii) List the Media Elements. Explain all with attributes and example.

   (B) Answer the following questions : (any **4**)   4
   - (1) _____ tag is used to show additional information.
   - (2) _____ attribute in video tag is used show image until video is load.
   - (3) _____ tag is used to draw graphics in browser.
   - (4) _____ tag is used to make a group of heading tag.
   - (5) _____ tag is used for human readable date/time format.
   - (6) Number tag is used to get any type of value in form. (True/False)

2. (A) Answer the questions in detail :
   - (i) Explain JavaScript operators with example.   7
   - (ii) List the different types of Events in JavaScript. Explain Keyboard Events with example.   7

   OR
   - (i) Explain JavaScript Flow Control Statements in detail with example.
   - (ii) Explain Date functions in JavaScript with example.

   (B) Answer the following questions : (any **4**)   4
   - (1) We can write JavaScript in side body. (True/False).
   - (2) _____ method is used to get length of text in JavaScript.
   - (3) _____ Pop-up Window has only Ok Button.
   - (4) _____ is a default JavaScript event.
   - (5) _____ JavaScript operator is used for concatenation.
   - (6) var a=2;var b="2";if(a===b){alert("a and b are same")}else{("a and b are not same")} what is the output of JavaScript code.

3. (A) Answer the questions in detail :
   (i) Explain jQuery bind and unbind method with example.   **7**
   (ii) Which are the different types of selectors in jQuery ? Explain Position Selectors in detail with example.   **7**

<p align="center">OR</p>

   (i) Explain jQuery text (), html (), Val () and append () methods with example.
   (ii) Which are the different types of animation effects in jQuery ? Explain Fade and animate effect with example.

   (B) Answer the following questions : (Any **3**)   **3**
   (1) We can use # shorthand symbol instead of jQuery word. (True/False)
   (2) We can use jQuery method hide (1000, 0.4). (True/False)
   (3) _____ event is compulsory to write before starting of jQuery.
   (4) _____ selector is used to select same tag which we have used in event call.
   (5) For selecting all the same elements we use _____ method.

4. (A) Answer the questions in detail :
   (i) What is XML? Explain XML Terminologies.   **7**
   (ii) What is DID ? Explain Attribute Declaration and Default Value Declaration of Attribute.   **7**

<p align="center">OR</p>

   (i) Explain difference between HTML and XML.
   (ii) Explain Sequences, Occurrences and Choices in DID.

   (B) Answer the following questions : (any **3**)   **3**
   (1) <Book></book> is valid XML tag. (True/False)
   (2) We can use space for declaring XML tag. (True/False)
   (3) _____ is used at time of DID for crating Element with no data.
   (4) Comments in XML is given by _____.
   (5) The Two types of DTD are _____ and _____.

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