

Seat No. : \_\_\_\_\_

**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 : 7
- (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
- OR**
- (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 : 7
- (i) What is XML? Explain XML Terminologies. 7
  - (ii) What is DID ? Explain Attribute Declaration and Default Value Declaration of Attribute. 7
- OR**
- (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 \_\_\_\_\_.