

Seat No. : _____

NB-106

November-2017

B.C.A., Sem.-II

CC-109 : Dynamic HTML and XML

Time : 3 Hours]

[Max. Marks : 70

- Instructions :** (1) Figures to the right indicate full marks.
(2) Make and state any necessary assumptions.
(3) Draw diagrams wherever necessary.

1. (A) Answer the following :

[08]

- (1) Explain the External CSS in HTML with example.
- (2) What are CSS attributes? Explain any four properties for Text with example.

OR

Answer the following :

- (1) What is CSS ? Explain the different elements of the syntax of CSS with example.
- (2) Explain Decoration attributes in CSS with example.

(B) Answer the following :

[06]

- (1) What is Selector in CSS? Explain different types of CSS Selectors with examples.
- (2) List and explain all properties of CSS Padding.

OR

Answer the following :

- (1) Explain the properties for Table in CSS with example.
- (2) List and explain all properties of CSS Positioning.

2. (A) Answer the following : [08]
- (1) List different ways of integrating JavaScript code with HTML file. Explain any two with example.
 - (2) Explain 'alert' and 'prompt' events in JavaScript.

OR

Answer the following :

- (1) List all methods of Date object and explain any two with example.
 - (2) Explain creating and initializing an Array in JavaScript.
- (B) Answer the following : [06]
- (1) What is JavaScript ? Give the advantages of JavaScript.
 - (2) What is Function ? Explain function in JavaScript with example.

OR

Answer the following :

- (1) What are Operators? Explain any **one** type of operator with example.
 - (2) What is DHTML? Draw HTML DOM model.
3. (A) Answer the following : [08]
- (1) What is XML? How is it useful in Application Communication ?
 - (2) State the difference between HTML and XML.

OR

Answer the following :

- (1) List XML Standards and explain any **two** of them.
 - (2) Explain how XML organizes data.
- (B) Answer the following : [06]
- (1) Define and explain the term binary entity.
 - (2) Write a short note on XML tag and its attributes.

OR

Answer the following :

- (1) What are character entities in XML ? Explain the use of it XML.
- (2) Explain XML structure with example.

4. (A) Answer the following : [08]
- (1) What is DTD ? Explain types of DTD and explain any **one** with example.
 - (2) Explain valid and well formed XML document.

OR

Answer the following

- (1) Write a short note on XML Schema.
- (2) Explain in detail different attributes for elements in DTD.

- (B) Answer the following : [06]

- (1) Write a short note on XSL.
- (2) Explain XPATH, XQUERY and XPOINTER with example.

OR

Answer the following :

- (1) Write a short note on XSLT.
- (2) Explain Sequence, Occurrence and choice with example.

5. Do as directed : [14]

- (1) _____ attribute is used in CSS to change text color.
- (2) _____ is used to write comment in CSS.
- (3) The ID selector is defined with _____ sign.
- (4) _____ is the extension of external JavaScript file.
- (5) JavaScript code is written between _____ and _____ tags.
- (6) _____ popup box is used to give the message with OK button.
- (7) External DTD is also known as _____.
- (8) _____ is used to define legal building blocks of XML.
- (9) _____ keyword is used to define a JavaScript variable.
- (10) A _____ file allows us to specify the rules associated with an XML file.
- (11) The comments in the XML documents are enclosed between _____ and _____ tags.
- (12) The syntax of the DOCTYPE tag is _____.
- (13) The "T" in XSLT stands for _____.
- (14) The root element of an XML document is known as _____ element in schema.

