

Roll No. ....

## **BCA–19**

### **Web Technology**

**Bachelor of Computer Applications (BCA–11/16)**

**Sixth Semester, Examination, 2017**

**Time : 3 Hours**

**Max. Marks : 60**

**Note :** This paper is of **sixty (60)** marks containing **three (03)** sections A, B and C. Attempt the questions contained in these sections according to the detailed instructions given therein.

#### **Section–A**

##### **(Long Answer Type Questions)**

**Note :** Section ‘A’ contains four (04) long answer type questions of fifteen (15) marks each. Learners are required to answer *two* (02) questions only.

1. Write a short note on HTML/DHTML tags with suitable example :
  - (a) HEAD.
  - (b) BODY.
  - (c) DIV.
  - (d) MARQUE.
  - (e) FORM.
2.
  - (a) Describe the internet protocol which are governing the web ?
  - (b) Describe the client-server architecture of Internet.

3. (a) What is a Markup Language and what is the relationship between XML, HTML and DHTML ?  
(b) What is Data Binding ?
4. (a) What is HTML, CSS ? Discuss the history of web.  
(b) What are Style Sheets ? What are the advantages of using them ?

### Section-B

#### (Short Answer Type Questions)

**Note :** Section 'B' contains eight (08) short answer type questions of five (5) marks each. Learners are required to answer *four* (04) questions only.

1. What is client-side scripting language ?
2. How do we create table in HTML ? Design the following three by three matrix with border using <table> tag :

30	20	10
25	36	10
12	46	82

3. Define WWW. What are the various features of WWW ?
4. What is ODBC ? What is a significance of ODBC in web technology ?
5. Describe how the web browser communicates with the web server.
6. Write about list and their types.
7. How do we write a java script with HTML programming ? Write HTML code and script to validate a text box for checking blank entries.
8. What is the difference between hypertext and hypermedia ?

**Section-C**

**(Objective Type Questions)**

**Note :** Section 'C' contains ten (10) objective type questions of one (01) mark each. All the questions of this section are compulsory.

1. PHP stands for :
  - (a) Hypertext preprocessor
  - (b) Per hypertext preprocessor
  - (c) Per hyper preprocessor
  - (d) None of the above
2. Founder of Whatsapp :
  - (a) Mark Zuckerberg
  - (b) Sergey Brin
  - (c) Jan Koum
  - (d) John Warnock
3. Which protocol is ideal for transmitting large file ?
  - (a) SMTP
  - (b) FTP
  - (c) RTP
  - (d) HTTP
4. Which tag is used to display the large font size ?
  - (a) <LARGE></LARGE>
  - (b) <BIG></BIG>
  - (c) <SIZE></SIZE>
  - (d) <FONT></FONT>
5. <UL>.....</UL> tag is used for :
  - (a) Display the numbered list
  - (b) Underline the text
  - (c) Display the bulleted text
  - (d) Both the text

6. `<TD> ..... </TD>` tag is used for :
  - (a) Table heading
  - (b) Table records
  - (c) Table row
  - (d) None of the above
7. Which tag is used to display the numbered list ?
  - (a) `<OL></OL>`
  - (b) `<DL></DL>`
  - (c) `<UL></UL>`
  - (d) `<LI></LI>`
8. In HTML how many headings are defined ?
  - (a) `<h1>` to `<h4>`
  - (b) `<h1>` to `<h5>`
  - (c) `<h1>` to `<h6>`
  - (d) `<h1>` to `<h9>`
9. `<TITLE>.....</TITLE>` tag must be within :
  - (a) Title.
  - (b) Form.
  - (c) Header.
  - (d) Body.
10. Which layer is not present in TCP/IP model ?
  - (a) Application layer
  - (b) Internet layer
  - (c) Presentation layer
  - (d) Transport layer