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

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