BCA–19

Web Technology

Bachelor of Computer Application

(BCA–11/16/17)

Six Semester, Examination, 2017

Time : 3 Hours **Max. Marks : 80**

Note : This paper is of **eighty (80)** marks containing **three (03)** Sections A, B and C. Learners are required to 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 nineteen (19) marks each. Learners are required to answer *two* (02) questions only.

1. Why does FORM an important tag in web application ? Explain ACTION and METHOD attributes.

2. What are the advantages and disadvantages of scripting language ? Write a script for any application using JavaScript language.

3. Write down the advantages using JavaScript in website. How do you link documents in JavaScript program ?

4.   Write short notes on the following :

(a)   PHP

(b)   OBBC

(c)   Simple Mail Transfer Protocols

Section–B

(Short Answer Type Questions)

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

1.   What is the difference between HTML elements and tags ?

2.   What is the difference between == and = = = ?

3.   How many HTML tags are should be used for the most simple of web pages ?

4.   Define the GET( ) and POST( ) method.

5.   What is the difference between <div> and <frame> ?

6.   Describe the difference between cookies, session storage and local storage.

7.   What is CSS ? Name *three* ways to define a color in HTML.

8.   What is a sprite ? How is it applied using CSS ? What is its benefit ?

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.   HTML stands for :

(a)   Hyper Text Markup Language

(b)   High Text Markup Language

(c)   Hyper Tabular Markup Language

(d)   None of these

2.   If you want to align text to the right side of a block element in a cascading style sheet (CSS) then which of the following property would you use ?

(a)   Right align

(b)   Justify

(c)   Left align

(d)   Text align

3.   In a JavaScript Application what function can be used to send messages to users requesting for a text input ?

(a)   Display( )

(b)   Alert( )

(c)   GetOutput( )

(d)   Prompt( )

4.   From the following options indicate a correct association of the PROMPT, HEAD and RCPT commands with protocols where they are used :

(a)   HTTP, SMTP, FTP

(b)   FTP, HTTP, SMTP

(c)   HTTP, FTP, SMTP

(d)   SMTP, HTTP, FTP

5. White spaces in XML includes :

   (a) Things like space characters, new lines and tabs

   (b) Only spaces

   (c) Space between two double quotes

   (d) None of these

6. Which of these is a client server application ?

   (a) Web browsing

   (b) E-mail

   (c) Internet Chat

   (d) All of the above

7. Which of the following statement is not true regarding JavaScript ?

   (a) JavaScript is a loosely typed language

   (b) JavaScript is an object-based language

   (c) JavaScript is event driven

   (d) A JavaScript embedded in an HTML document is compiled and executed by the client browser

8. The following is a web-page :

   ```
   <html>
   <head> <title>JavaScript</title> </head>
   <body bgcolor="#0000ff ">
   <script language="JavaScript">
   <!-- document.write("<h1> hello  world  </hl>"); //-->
   </script>
   </body>
   </html>
   ```

When the above web page is loaded into a browser, what will happen ?

(a)   The body of the web page will not contain any text

(b)   The body of the web page will contain the text "<h1> hello world </h1>"

(c)   The body of the web page will contain the text "hello world" as an H1 heading

(d)   The background color of the web page will be green

9.   Consider the following script :

<html>

<head><title>JavaScript</title></head>

<body>

<script language="JavaScript">

var a=80

var b=(a==80 ? "pass" : "fail");

document.write(b)

</script>

</body>

</html>

What will be the output of the above script ?

(a)   pass

(b)   fail

(c)   null

(d)   80

10. Which of the following statements is false regarding "Cookies" ?

   (a) Cookies are programs which run in the background of the web-client

   (b) Cookies have the potential of being used to violate the privacy of users

   (c) Cookies are very helpful in keeping track of users in developing online shopping cart applications, personalized portals and in advertising on web sites

   (d) Cookies cannot contain more than 4Kb of data

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