

BCA-19

Web Technology

Bachelor of Computer Application (BCA-11/16/17)

Six Semester Examination, 2019 (June)

Time : 3 Hours]

Max. Marks : 80

Note : This paper is of Eighty (80) marks divided into 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 Nineteen (19) marks each. Learners are required to answer any two (02) questions only.

(2×19=38)

1. Design a HTML form for a student school Registration form with following details:

First Name (Max 30 Characters a-z and A-Z), Father Name (max 30 characters a-z and A-Z) , Address sex (option

buttons male and female) State (In combo box), District (in combo box), city (combo box), pin code (six digits number), course (in combo box), email id, date of birth , Mobile number, Submit and reset command button.

The image shows a web form titled "Student Registration Form". It contains the following fields and controls:

- Name:
- Father Name:
- Postal Address:
- Personal Address:
- Sex: Male Female
- City:
- Course:
- District:
- State:
- PinCode:
- EmailId:
- DOB:
- MobileNo:
- Reset:
- Submit Form:

2. Write the HTML code to create a framed web page in the following format:

Name of Student	Marks		Remark
	Internal	External	

3. Explain the differences between POST and GET when sending HTML form data.
4. What is PHP ? Discuss various data types, control statements, string functions and server variables used in PHP in detail.

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 any four (04) questions only. (4×8=32)

1. Explain various control and looping structure used in java script.
2. Explain different types of Client/Server model.
3. Explain the frames and table tags of HTML with suitable example.
4. Describe HTML text formatting tags with example.
5. Write about the HTML LISTS :
 - (a) Unordered Lists
 - (b) Ordered Lists

6. What is the difference between external and internal hyperlink? Explain with help of an example.
7. What is ODBC? What is the significance of ODBC in web technology?
8. Write the following tag format of HTML :
 - (a) Hyperlink.
 - (b) MARQUEE.

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. (10×1=10)

1. What was the document form proposed by Tim-Berners Lee at CERN when he made his proposal (choose One)?
 - (a) Hypertext
 - (b) PDF
 - (c) Postscript
 - (d) SGML

2. To refer to an external CSS file within an HTML document, use:
- (a) `<CSS...>...</CSS>`
 - (b) `<SCRIPT...>...</SCRIPT>`
 - (c) `<LINK...>...</LINK>`
 - (d) `<STYLE...>...</STYLE>`
3. A program running on server machine, is called
- (a) Web server
 - (b) Web application
 - (c) Web process
 - (d) Web program
4. Communication between browser and web server takes place via
- (a) GUI
 - (b) HTTP
 - (c) ASP
 - (d) JSP

5. Parsed HTML code of in-memory tree structure is defined by a standard, called
- (a) Dynamic obtained model
 - (b) Document obtained model
 - (c) Dynamic object model
 - (d) Document object Model
6. Given a for loop counter of for (var i=1; i<=5; i+=2), the counter values are_____.
- (a) 1 and 3
 - (b) 1,3 and 5
 - (c) 5,3 and 1
 - (d) 1,2,3,4 and 5
7. Which protocol is ideal for transmitting large files ?
- (a) HTTP
 - (b) FTP
 - (c) SMTP
 - (d) RTP

- 8.** Internet is a.
- (a) Local computer network
 - (b) Worldwide network of computers
 - (c) An interconnected network of computers
 - (d) A worldwide interconnected network of computers which use a common protocol to communicate with one another.
- 9.** XML Stands for
- (a) Extra Markup Language
 - (b) Excellent Markup Links
 - (c) Extended Markup Language
 - (d) Extended Marking Links
- 10.** In order to interpret XML documents one should
- (a) Use standardized tags
 - (b) Have a document type definition which defines the tags
 - (c) Define the tags separately
 - (d) Specify tag filename
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