

Nagarjuna College of Information Technology

Shankhamul -09, Lalitpur

Pre-Board Examination 2079

Bachelor in Computer Applications

Full Marks: 60

Course Title: Web Technology

Pass Marks: 30

Code No: CACS 205

Time: 3 hours

Semester: III

Name:

Roll No:

Candidates are required to answer the questions in their own words as far as possible.

Group A

Attempt All the questions

10×1=10

1. The latest HTML standard is
 - a. HTML4.0
 - b. HTML5.0
 - c. XML
 - d. SGML
2. What are variables used in JavaScript programs
 - a. Varying randomly
 - b. Storing numbers, dates, and other values
 - c. Used as header files
 - d. None of the above
3. Among which of the following is HTML a subset.
 - a. SGMD
 - b. SGMT
 - c. SGML
 - d. None
4. On which model is www based upon
 - a. Client-server
 - b. Local server
 - c. 3 tier
 - d. None
5. Identify the most accurate statement about the application of XML:
 - a. XML must be used to produce XML and HTML output
 - b. XML cannot specify or contain presentation information
 - c. XML is used to describe hierarchically organized information
 - d. XML performs the conversion of information between different e-business application
6. Which of the following statements is false about event handlers in JavaScript?
 - a. They can be included with input tags
 - b. They can be associated with end of file processing for a database application
 - c. They can be included with the form tag
 - d. They are generally used to call functions when triggered
7. What is cell padding?
 - a. Used to separate cell walls from their contents
 - b. Used to set space between cells
 - c. Both a and b above
 - d. Used to provide width to a cell
8. What are meta tags used for?
 - a. To store information usually relevant to browsers and search engines
 - b. To only store information usually relevant to browsers
 - c. To only store information about search engines
 - d. To store information about external links
9. What command is used to create a new table in SQL?
 - a. CREATE TABLE
 - b. BUILD TABLE
 - c. GENERATE TABLE
 - d. None
10. Which SQL constraint do we use to set some value to a field whose value has not been added explicitly?
 - a. UNIQUE
 - b. NOT NULL
 - c. DEFAULT
 - d. CHECK

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Group B

Short Answer Questions (Any Six):

[5×6=30]

1. Define HTML tag references and its global attribute? Write 10 examples of each.
2. Critically Analysis the pitfall of the 3-tier technology in comparison with n-tier Technology.
3. Differentiate between GET and POST with examples.
4. What is a cookie and session? Explain how you set and remove values stored in cookies with suitable examples?
5. Explain about XSD with an example.
6. SQL query for create an HTML table student (id, name, address, phone, gender, date_of_birth, hobbies)
7. What is File Handling? Create a new file and write data into the new file.

Group C

Long Answer Questions (Any Two):

[10×2=20]

1. Design the following layout of the web page with use of div and appropriate CSS.

| | |
|----------------------|--|
| Logo | |
| Navigation | |
| Header Banner(image) | |
| Side Bar(News Lists) | Body Area(introduction,table, image gallery) |
| | Footer (some details) |

2. Write a server site script to display all the record stores in the student table which reside under the database called college from HTML form with related elements. The structure of the student table (id, name, address, phone, gender, date_of_birth, hobbies).
3. Write a well formed XML document and validate with the use of XML schema.

