

"Do not write anything on question-paper except Roll Number, otherwise it shall be deemed as an act of indulging in unfair means and action shall be taken as per rules."

Roll No.

B.C.A. (III)

1734

Web Tech.

B.C.A. Part-III EXAMINATION - 2022

Paper - IV

BCA 304 - Web Technologies

Time Allowed : Three Hours

Maximum Marks : 80

Note : 1. Question No. 1 is Compulsory. Attempt any four from the remaining questions.

2. All questions carry equal marks.

1. Write short notes to answer the following:

(i) What is ASP.NET?

(ii) Define .NET framework?

(iii) What is Web Server?

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- (iv) Which Tag is used to find version of XML?
 - (v) Explain XML elements.
 - (vi) What is XML parser?
 - (vii) Define XML name space.
 - (viii) What is Validation?
 - (ix) Explain Data Grid.
 - (x) What is Cookie?
2. (a) Write down 5 differences between window and web based application.
- (b) Explain client server model.
- (c) Differentiate client and server control.
3. (a) What is Visual Studio IDE?
- (b) Write down an XML document to illustrate elements, attributes section.
- (c) Explain the architecture of ADO.Net.
4. (a) Explain .NET framework with suitable diagram.
- (b) Explain all type of data types and operator available in C# with example.

5. Write a C# program to add remove and count items with list box.
6. Develop a simple web page that asks the users to input (name, email, phone, gender) and store into database, using server side scripting.
7.
 - (a) What are the rules for creating XML document?
 - (b) Write an XML code to store the following information about student.

Each student has a name, address and phone number must be of 10 digits.

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