RAN-2011000105050001

T.Y. B. C.A (Sem. - 5th) Examination

January - 2021

ASP.NET : Paper - 505

સૂચના : / Instructions

(1)

નીચે દર્શાવેલ ☛ નિશાનીવાળી વિગતો ઉત્તરવહી પર અવશ્ય લખવી.
Fill up strictly the details of ☛ signs on your answer book
Name of the Examination:
☛ T.Y. B. C.A (Sem. - 5th)
Name of the Subject :
☛ ASP.NET : Paper - 505
Subject Code No.: 2011000105050001

Seat No.:

Student's Signature

(2) All questions are compulsory.

(3) Figures to the right indicate full marks.

Q-1:   **Select Appropriate Options :**   **10**

(i)   The directive used for web user control is

a.   Register   b.   Page

c.   Master   d.   Control

(ii) Validation control used for "Pattern matching is

a.   Regular Expression Validator b.   Compare Validator

c.   Required Field Validator   d.   None

(iii) The event procedure that resides in the Global.asax file is

a.   Page_Error   b.   Application_Error

c.   Application_ServerError   d.   Global_Error

(iv) The property of WebControl class which specifies that the code is to be run on server and not on client is

a.   Server   b.   RunAt

c.   RunAtServer   d.   None

(v) The properties of List Controls which allows it to interact with Database are/is?
   a. DataSource
   b. DataTextField
   c. DataValueField
   d. All

(vi) The property of the page set when Master Page is bind with page is
   a. MasterPage
   b. MasterFile
   c. MasterPageFile
   d. None

(vii) The data control which allows you to add new record within the database is
   a. FormView
   b. ListBox
   c. Repeater
   d. None

(viii) The method of command object which doesn't return any value of database or row of a database is
   a. ExecuteNonQuery
   b. ExecuteScalar
   c. ExecuteReader
   d. None

(ix) The Navigation Control is used to create hierarchical structure as table of content is
   a. Menu
   b. TreeView
   c. SiteMapPath
   d. All

(x) The property of Command class used to specify how to interpret command text is
   a. CommandText
   b. Connection
   c. CommandType
   d. Transaction

Q-2: **Attempt any three.** 15

(A) What are pros and cons of client side state management technique? Explain cookies in detail.

(B) What is ASP .NET? Explain advantages of ASP .NET in detail.

(C) Explain page processing sequence of ASP .NET web page.

(D) What are the advantages of code behind model in ASP .NET? Explain Code behind model in detail.

Q-3: **Answer the followings : (Any Three)** 15

(A) Explain simple binding and complex binding in detail.

(B) Write a note on Data list.

(C) List types of control used to create ASP .NET page. Explain TreeView control in detail.

(D) List advantages of master page. Explain nested master page in detail.

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Q-4:   **Answer the followings : (Any Three)**   **15**

(A) Write a note on web services.

(B) List different levels at which you can handle exceptions. Explain page level exception handling in detail.

(C) Differentiate between client side and server side validation. Explain range and regular expression validator in detail.

(D) What are the advantages of themes over CSS. Explain various ways to apply skin file.

Q-5:   **Attempt any three.**   **15**

(A) Write a note on disconnected mode architecture.

(B) Explain with example DataAdapter.

(C) Differentiate between DataSet and DataReader. Explain Read() method of DataReader with example.

(D) Write a note on CommandBuilder.

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