DBJ-P-5010   Seat No. _____

M. C. A. (Sem. V) Examination

June - 2022

P-5010 : Building Application Using : ADO.NET & ASP.NET.

Time : $2\frac{1}{2}$ Hours]   [Total Marks : **70**

Instruction :   Attempt any five of the following.

1   (a)   Attempt the following :   **4**

   (1)   What is the use of Connection class ?

   (2)   What is the use of Command class ?

   (3)   What is the use of DataReader class ?

   (4)   What is the use of DataColumn ?

   (b)   What is connection string ? What does it include ?   **2**

   (c)   Explain any one method of Connection object with   **3**
   appropriate example.

   (d)   Explain DataTable and DataRow with appropriate example.   **5**

2   (a)   Attempt the following :   **4**

   (1)   How DataReader object can be created ?

   (2)   What is the use of DataAdapter class ?

   (3)   What is the use of DataTable class ?

   (4)   What is the use of DataSet class ?

   (b)   What is connected and disconnected data access ?   **2**

   (c)   Explain any one method of Command object with   **3**
   appropriate example.

   (d)   Explain any two methods of DataReader object with   **5**
   appropriate example.

3 (a) Attempt the following :   **4**
      (1) Write any two properties of Button Control.
      (2) Write any two properties of Image Control.
      (3) What is the use of CompareValidator ?
      (4) What is the use of ValidationSummary ?
  (b) What is the use of web.config file in asp.net application ?   **2**
  (c) Explain RangeValidator validation control with appropriate   **3**
     example.
  (d) Explain CheckBox as asp.net standard control with its   **5**
     properties used to accept user input in the page with
     appropriate example.

4 (a) Attempt the following :   **4**
      (1) Write any two properties of ImageButton control.
      (2) Write any two properties of HyperLink control.
      (3) What is the use of Panel Control ?
      (4) What is the use of RegularExpressionValidator ?
  (b) What is the use of web.config file in asp.net web   **2**
     application ?
  (c) Explain RequiredFieldValidator validation control with   **3**
     appropriate example.
  (d) Explain Label as asp.net standard control with its properties **5**
     used to display text in the page with appropriate example.

5 (a) Answer the following :   **4**
      (1) Which control is used to display different page views ?
      (2) Write any two template name supported by control used
         to display wizard.
      (3) Which event of page can be used to dynamically apply
         theme ?
      (4) Which concept of ASP.NET is used to create common
         layout for website ?
  (b) Explain using title attribute to modify master page content   **2**
     from content page.
  (c) Explain any two properties of control used to display   **3**
     advertisement.
  (d) Explain Calendar control along with its properties and   **5**
     appropriate example.

6 (a) Attempt the following :   4
       (1) Which control is used to display wizard ?
       (2) Which control is used to display advertisement ?
       (3) Write any two event names of MultiView control ?
       (4) What is skin with respect to asp.net theme ?
   (b) What is MasterPage ? How to create it ?   2
   (c) Explain FileUpload control along with its properties and   3
        appropriate example.
   (d) What is Theme ? How to create theme ? Explain adding   5
        skins and CSS to theme.

7 (a) Attempt the following :   4
       (1) Write any two properties in ListBox.
       (2) What is the use of BulletedList Control ?
       (3) What is the use of FormView Control ?
       (4) What is the use of SqlDataSource control ?
   (b) What is the use of DataList control ?   2
   (c) Explain any two properties of DetailsView control.   3
   (d) Explain DropDownList control along with its properties   5
        and appropriate example.

8 (a) Attempt the following :   4
       (1) Write any two properties of RadioButtonList.
       (2) What is the use of CheckBoxList control.
       (3) What is the use of DetailsView control ?
       (4) Write any two properties of FormView control ?
   (b) What is the use of Repeater control ?   2
   (c) Explain displaying data in GridView control with   3
        appropriate example.
   (d) Explain ListItem control along with its properties and   5
        appropriate example.

9 (a) Attempt the following :   4
       (1) Which property of ChangePassword control is used to
            send email ?
       (2) What is the use of LoginName control ?
       (3) Which property of CreateUserWizard control is used
            to disable new user account ?
       (4) Which property of Login control is used to
            automatically hide the Login control from authenticated
            user ?

(b) Write a brief note on LoginView Control. 2

(c) Explain any two properties of ChangePassword control. 3

(d) Explain Login control along with its properties and 5
appropriate example.

10 (a) Attempt the following : 4

    (1) Which form fields are by default displayed by CreateUserWizard control ?

    (2) Write any two properties of MailDefinition class.

    (3) Which property of CreateUserWizard control is used to generate password automatically ?

    (4) What is authentication ?

(b) Write a brief note on PasswordRecovery control. 2

(c) Explain any two properties of CreateUserWizard control. 3

(d) Explain LoginStatus control along with its properties 5
and appropriate example.

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