

**2015**

*Time : 3 hours*

*Full Marks : 80*

*Candidates are required to give their answers in their own words as far as practicable.*

*The questions are of equal value.*

*Answer **five** questions in which*

*Q. No. 1 is compulsory.*

1. Choose the correct answer of the following :
  - (a) Choose the form in which post back occurs :
    - (i) Wind form
    - ☒ (ii) HTML form
    - (iii) Web form
    - (iv) None of the above
  - (b) ASP.NET separates the HTML output from program logic using a feature named as :
    - ☒ (i) Exception



- (ii) Code-behind
  - (iii) Code-front
  - (iv) None of the above
- (c) If a developer of ASP.NET defines style information in a common location, then that location is called as :
- ☒ (i) Master Page
  - (ii) Theme
  - (iii) Customization
  - (iv) None of the above
- (d) Which of the following denote page code model in ASP.NET ?
- (i) single-file
  - ☒ (ii) code-behind
  - (iii) Both (i) and (ii)
  - (iv) None of the above
- (e) Making a user to select only one option out of given options, we should provide him :
- ☒ (i) Radio buttons



- (ii) List box
  - (iii) Both (i) and (ii)
  - (iv) None of the above
- (f) In order to maintain session in ASP.NET we should use :
- (i) In-process storage
  - (ii) Microsoft SQL Server
  - (iii) Session State Service
  - (iv) All of the above
- (g) After building ASP.NET application the output file normally is in the form of :
- (i) DLL
  - (ii) EXE
  - (iii) COM
  - (iv) None of these
- (h) ASP.NET execution model uses :
- (i) Sequential approach
  - (ii) Bottom approach



(iii) Event driven approach

(iv) None of these

- ✓ 2. Explain the various benefits of ASP.NET 2.0 and discuss the life cycle of an ASP.NET form.
- ✓ 3. Write short notes on the following :
  - ✓ (a) Memory leak
  - ✓ (b) Crash protection
  - ✓ (c) Scalability
- ✓ 4. Discuss the different coding models of ASP.NET 2.0.
- ✓ 5. Explain with code snippets the management of states of an ASP.NET application.
6. What are different types of controls used in ASP.NET. Explain different standard controls of ASP.NET with example.
7. Using suitable code show the various events generated by a Button Control.



8. Discuss the following with suitable code snippets :

(a) ImageButton

(b) ListBox

(c) RadioButton

9. Explain the various ASP.NET 2.0 page directives.

