

UKA TARSADIA UNIVERSITY

Integrated M.Sc. (IT) (Semester 5)

060010501(2016-17)

Fundamentals of Web Development using ASP.NET

Date :24/05/2017

Time :1:30PM- 4:30PM

Max. Marks:60

Instructions :

1. Attempt all questions.
2. Write each section in a separate answer book.
3. Make suitable assumptions wherever necessary.
4. Draw diagrams/figures whenever necessary.
5. Figures to the right indicate full marks allocated to that question.
6. Follow usual meaning of notations/abbreviations.

SECTION - 1

Q 1 A) Answer the following.

[4]

- I) What is the importance of IsPostBack property?
- II) Write two differences between theme and CSS.
- III) What is the extension of User control?
- IV) Which property is compulsory for validation control?

Q 1 B) Answer the following in brief. (Any 3)

[6]

- I) Write the advantages of Usercontrol.
- II) How to get and set value from a viewstate?
- III) How to make HTML control to work like server control?
- IV) Write at least four differences between Label and Literal control.

Q 2 Answer the following.

[10]

- A) Consider an application where one can find the total number of time user can visit the website. If user exceed the maximum count then print message, "Target Achieved".

OR

- A) Admission process of Ambe vidhyalaya have an admission criteria as follows.
Student is eligible in following case.

- Medium is English and percentage above 60.
- Other medium, then percentage above 75.
- Otherwise not eligible.

Consider admission page have a textbox for Student name, city, previous school, previous percentage, medium of school and one button submit. Clicking on submit button will save all the details in session and display eligibility message on other page.

- B) Write a code snippet to upload image in a folder with unique name. Provide a validation to upload only valid image.

OR

- B) Which control is used to validate the following textbox and list all the necessary property and code?

- First name and last name contains only character.
- Zip code must be of 6 digits.
- Contact number must be of 10 digits.
- Password and retype password must be same.
- All details are mandatory.

Q 3 Answer the following in detail. (Any 2)

[10]

- I) Explain the concept of wizard with example.
- II) Enlist any five sever control and describe all with example.
- III) Elaborate ASP.NET event model.

SECTION - 2

Q 4 A) Answer the following.

[4]

- I) What is Integrity?
- II) What is the use of JWS handler?
- III) What is JWS?
- IV) What is WSDL Wrap up?

Q 4 B) Answer the following in brief. (Any 3)

[6]

- I) Write any two points on SOAP architecture.
- II) Justify the statement "Never trust on user input".
- III) Which authentication mode available in asp.net?
- IV) Write two differences between Windows authentication and form authentication.

Q 5 Answer the following.

[10]

A) Consider a page having a field like min_weight, Max_weight and color and display total number of items whose weight falls between given range for a particular colour in a table.

Consider Table: ITEM(ItemNo, ItemName, Color, Weight)

OR

A) Stud(sid, course, passingpercent, percentscored,result)

Consider web page getPassedStudent having one dropdown list for course selection and button.

Clicking on button will display the total number of students passed in selected course. Write a code to implement above functionality.

B) Create a web page that provides searching facility (search by department) for the manager. Display details of employees for the department that is selected from the list.

OR

B) Implement insert functionality in following table using web service and write a code for creating and calling web service.

Consider table: IPL (ID, TeamName, Captainname, City).

Q 6 Answer the following in detail. (Any 2)

[10]

- I) Enlist any five form authentication options and explain each in detail.
- II) Why form cookie authentication is not implemented? Explain it.
- III) Explain authorization and roles of authorization in detail.