

UKA TARSADIA UNIVERSITY

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

060010501(2013-14)

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) Write a code to display current date in textbox server control.
- II) Which property is compulsory for Adrotator control?
- III) What is outline?
- IV) Write a significance of JIT compiler?

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

[6]

- I) Enlist six validation controls with one line description.
- II) What is viewstate? How user can set and retrieve value from it? List its two disadvantages.
- III) List method of page life cycle. Elaborate any one with its use.
- IV) What is the difference between Server.Transfer and Response.Redirect?

Q 2 Answer the following.

[10]

- A) Consider webpage which have student's personal detail like Student name, Student Address, Student Gender. Write code for following functionalities.
- Save details in a browser using persistent cookie.
 - Retrieve the details from the saved cookies.
 - Delete existing cookie.

OR

- A) Write a code to maintain and check session as an when require while implementing login functionality in a web page.
- B) Consider a Resume Builder application which has page like, PersonalInfo with the fields like Name, gender, address, zip code, contact number and email Id. Write a code to store all the details in session and display the same in Show PersonalInfo.

OR

- B) Write a C# code to store Image on server and also display the same Image in Display_Image form.

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

[10]

- I) Write short note on Menu control.
- II) Enlist all the property and two methods of wizard.
- III) What is session? Enlist four way when session gets expire. List its advantages.

SECTION - 2

Q 4 A) Answer the following.

[4]

- I) What is maximum pool size
- II) Define connection and command object of ADO.NET.
- III) To connect with SQL server database which namespace is required?
- IV) Mention use of CommandType.TableDirect.

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

[6]

- I) What is connection based object?
- II) Write difference between ExecuteReader() and ExecuteScalar()
- III) What is aspnet_Application in profile?
- IV) List and define any two methods of DataReader.

Q 5 Answer the following.

[10]

- A) Consider subject feedback form with student number, student name, semester, faculty name, and comments as fields. Write a C# code to store above details in subject feedback table.

OR

- A) Create login page which perform the functionality like form authentication.
- B) Consider the below given table and write a c# code to retrieve second maximum CUR_BALANCE from the table.
- ACCOUNT_MASTER (ACCT_NO, BRANCH_NO, CUR_BALANCE).**

OR

- B) Consider the below given table and write a c# code display CUST_NO, FNAME where CUST_NO is between 101 and 110.
- Note: Retrieve data without using where condition.
- CUSTOMER_MASTER (CUST_NO, FNAME, MNAME, LNAME, CITY, BRANCH_NO).**

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

[10]

- I) Explain SqlCommand and all the methods of SqlCommand.
- II) What is AJAX? Explain any four characteristics of AJAX.
- III) Explain webpart in detail.