



BRAINWARE UNIVERSITY

Programme – Bachelor of Arts (Honours) in Multimedia & Web

Course Name - ASP.net

Course Code - BMW503B

(Semester – 5)

Time allotted: 3 Hours

Full Marks : 70

[The figure in the margin indicates full marks. Candidates are required to give their answers in their own words as far as practicable.]

Group –A

(Multiple Choice Type Question)

10 x 1 = 10

1. *Choose the correct alternative from the following*

(i) MVC architecture is used to _____

- | | |
|----------------------------|------------------------------------|
| a. Function | b. Application database connection |
| c. Application development | d. Database Server |

(ii) File extension for java script is _____

- | | |
|---------|---------|
| a. java | b. htm |
| c. js | d. html |

(iii) ExecuteNonQuery is used for_____

- | | |
|----------------------|------------------|
| a. Open a connection | b. ExecuteReader |
| c. Execution SQL | d. None of these |

(iv) Choice based data selection done in _____

- | | |
|--------------|---------------------|
| a. AJAX | b. List Box |
| c. Check Box | d. Both (b) and (c) |

(v) Asp.net can also be written other than C# is_____

- | | |
|--------|----------|
| a. VB | b. Swift |
| c. C++ | d. C |

- (vi) What is the validity.rangeOverflowin in java script ?
- a. Data string
 - b. Input validation
 - c. C# value fetch
 - d. Type casting
- (vii) Date Time.Now is used for
- a. System Date
 - b. System Time
 - c. System Date and time
 - d. None of these
- (viii) How to pass data between web pages?
- a. Function
 - b. Global variable
 - c. Session variable
 - d. Static variable
- (ix) How many master page can we create in asp.net?
- a. 1
 - b. 0
 - c. Any Number
 - d. None of these
- (x) .net is a_____
- a. Server Side scripting
 - b. Framework
 - c. java scripting
 - d. Node js scripting

Group – B

(Short Answer Type Questions)

3 x 5 = 15

Answer **any three** from the following

2. Write down the difference between web application and mobile application. 5
3. Write down the advantages of using a session variable. 5
4. Write down the advantages of using an asp.net with AJAX control. 5
5. Describe the MVC architecture in asp.net. 5
6. Write down the advantages of using a asp.net with MS. SQL Server 5

Group – C

(Long Answer Type Questions)

3 x 15 = 45

Answer **any three** from the following

- | | | |
|-----|--|--------|
| 7. | (a) Write down the difference between a cookie and a web data with reference to an example. | 8 |
| | (b) Suppose you want to develop a “Campus Networking Application”. Write the functional requirements and propose the database with web form. | 7 |
| 8. | (a) Write a small application in C# to manage session variable between pages. | 8 |
| | (b) Suppose you want to develop an “Online Examination”. Write the functional requirements and propose the database with web form. | 7 |
| 9. | (a) Design a web based calculator using c#. | 10 |
| | (b) What is server side validation? Explain | 5 |
| 10. | (a) What is drop down list control in asp.net? | 5 |
| | (b) Explain asp.net architecture with proper diagram. | 10 |
| 11. | Write down short notes on the following (Any three) | 5X3=15 |
| | (a) Database connectivity in asp.net | |
| | (b) Web Cookie | |
| | (c) Java Script in asp.net | |
| | (d) Image control in asp.net | |