LOYOLA COLLEGE (AUTONOMOUS), CHENNAI – 600 034

B.C.A. DEGREE EXAMINATION –COMPUTER APPLICATIONS

FOURTH SEMESTER – APRIL 2018

16UCA4MC01– WEB TECHNOLOGY

Date: 20-04-2018   Dept. No.   Max. : 100 Marks
Time: 09:00-12:00

PART-A

ANSWER ALL THE QUESTIONS: **(10 x 2 = 20 marks)**

1. Define ASP.NET.

2. What are the two types of controls supported in ASP.NET?

3. What are the different navigation controls used in ASP.NET?

4. Define user control.

5. What is the use of RequiredFieldValidator?

6. List out the different kinds of relational databases.

7. What are the data sources that are used in ASP.NET?

8. What is a gridview?

9. What are the different application events?

10. How errors are handled in ASP.NET?

PART-B

ANSWER ALL THE QUESTIONS: **(5 x 8=40 marks)**

11. a) Explain how ASP.NET integrates with the rest of the .NET framework.
    (Or)
    b) Write a short note on compilation of ASP.NET script.

12. a) Explain the steps involved in creating s simple user control with an example.
    (Or)
    b) Describe in detail about programmatic redirection.

13. a) Create a biodata form and validate all the necessary fields using validation controls.
    (Or)
    b) Describe retrieving and manipulating data with SQL.

14. a) Explain displaying and updating data using data controls.
    (Or)

b) Explain formatting the controls using styles with an example.

15. a) Explain the debug toolbar that are available for debugging.

(Or)

b) Explain the security aspects in implementing security in ASP.NET.

PART-C

ANSWER ANY TWO QUESTIONS: **(2*20=40 marks)**

16.a) Explain the various intrinsic controls used in ASP.NET.

   b) Describe in detail about the navigation controls in ASP.NET.

17a) Briefly explain about the different validation controls.

   b) Discuss in detail about different data-bound controls in ASP.NET.

18. a)Explain briefly about caching.

b)Explain the various data controls with an example.

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