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BOARD DIPLOMA EXAMINATION, (C–14)
OCT/NOV—2018
DCME—SIXTH SEMESTER EXAMINATION

.NET PROGRAMMING

Time : 3 hours]   [*Total Marks* : 80

PART—A   3×10=30

Instructions : (1) Answer **all** questions.

(2) Each question carries **three** marks.

(3) Answers should be brief and straight to the point and shall not exceed *five* simple sentences.

1. What is .Net framework and list its componets.

2. Write the functions of CLR.

3. List the different data types in C#.Net.

4. Write the syntax of switch statment is C#.Net and give an example.

5. Define encapsulation and polymorphism.

6. What are the usages of the Command object in ADO.Net?

7. Write about data sets in ADO.Net

8. What is the function of the Check State property of the Check box control?

9. What is a web form in web application and list its components.

10. Write about hyperlink control in web forms.

PART–B   10×5=50

Instructions :   (1) Answer *any* **five** questions.

(2) Each questions carries **ten** marks.

(3) Answers should be comprehensive and the criteria for valuation are the content but not the length of the answer.

11. A) Explain the features of .NET frame work.

B) Write about help system in C#.Net.

12. Explain various types of operators in C#.Net with examples.

13. Write a C# console program to find the factorial of a given number using recursion.

14. A) Briefly explain about debugging in C#.Net.

B) Explain the architechture of ADO.NET in brief.

15. Explain the process of accessing data from a database in a C# applilcation through data adapters and data sets.

16. Develop a simple caculator windows from application in C#.Net.

17. Explain the creation of menus at design time using menu strip control in C#.Net.

18. Explain about various data validation controls in ASP.Net.

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