

**6626**  
**BOARD DIPLOMA EXAMINATION**  
**JUNE - 2019**  
**DIPLOMA IN COMPUTER ENGINEERING**  
**.NET PROGRAMMING WITH C#**  
**FIFTH SEMESTER EXAMINATION**

**Time: 3 Hours**

**Total Marks: 80**

**PART - A (3m x 10 = 30m)**

*Note 1: Answer all questions and each question carries 3 marks*

*2: Answers should be brief and straight to the point and shall not exceed 5 simple sentences*

1. Write the purpose of Command window in Visual Studio.
2. Define Common Type System
3. Write an example for class level scope
4. Write the purpose of **break** and **continue** statements in C#.
5. State the need of Exception Handling.
6. Write the steps to allow selection of multiple items in windows ListBox
7. What is windows form? Write its inheritance hierarchy
8. What is Complex data binding? Write an example
9. List any three advantages of web application
10. What is the purpose of **RangeValidator** control?

**PART - B (10m x 5 = 50m)**

*Note 1: Answer any five questions and each carries 10 marks*

*2: The answers should be comprehensive and the criteria for valuation is the content but not the length of the answer*

11. Explain Solution Explorer, Watch Window in Visual Studio.
- \* 12. Write a C# program that creates an object and call its members
13. Write a C# program to implement any two visibility modes
14. Explain any five properties of windows application ComboBox
- 15A. Write a C# example where life time differs with scope of a variable.
- B. Explain the functionality of windows application CheckBox with example

16. Write an ADO.NET application that uses simple data binding
17. Write an ADO.NET application that reads PIN from the user and retrieves Name and Branch of the student from MS-Access database by using Connection and Command objects
18. Explain the process of deploying and distributing a web application

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