



C16-IT-502

**6660**

**BOARD DIPLOMA EXAMINATION, (C-16)**

**OCT/NOV—2018**

**DIT—FIFTH SEMESTER EXAMINATION**

**NET PROGRAMMING WITH C#**

*Time : 3 hours ]*

*[ Total Marks : 80*

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**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. List any six NET languages.

2. What is the advantage of C# over JAVA?

3. List any six datatypes.

4. How to declare constants in C#? Give an example.

5. What is reference type? Give two examples.

6. What is a multitable dataset?

7. Write the ADO.NET connection string for Oracle database.

- \* 8. List three differences between ComboBox and List box.
- 9. What is a hidden field? Write its purpose.
- 10. List any three data validation controls in web applications.

**PART—B**

10×5=50

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

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

(3) The answers should be comprehensive and the criterion for valuation is the content but not the length of the answer.

- 11. Explain the difference between CTS and CTL with examples.
- 12. What is recursion? Write a C#.NET console program to generate the Fibonacci series using recursion.
- 13. Explain the concept of multiple catch blocks in C# with examples.
- 14. (a) Explain any two OOP concepts in C# with example.  
(b) Explain about Command object in ADO.NET.
- 15. Explain the process of accessing database using Server Explorer.
- 16. Create a C# Windows application that draws any five different shapes using graphics.
- 17. (a) List and define five common properties of C# window controls.  
(b) Explain the procedure to enable/disable the controls in C#.
- 18. Explain different ways of deploying and distributing a web application.

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