

Roll No.

D-1780

**P. G. Diploma in Computer Application
(Second Semester)**

EXAMINATION, Dec.-Jan., 2020-21

(New Course)

PROGRAMMING IN VB.NET

(PGDCA-106)

Time : Three Hours]

[Maximum Marks : 100

Note : Attempt any *two* parts from each Unit. All questions carry equal marks.

Unit—I

1. (a) Describe some important features of Dot Net Framework.
- (b) What do you understand by Common Language Specification (CLS) in Dot Net Framework ?
- (c) What are Assemblies in Dot Net Framework ? Explain in brief.

Unit—II

2. (a) Discuss major components of Visual Studio IDE.
- (b) Explain data types supported by Visual Basic.

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- (c) What is Enumeration ? Explain it with syntax and example.

Unit—III

- 3. (a) Write a program in VB.Net to print multiplication table of any inputted number.
- (b) Explain sub-procedures and function procedures with syntax. Example and also mention the basic difference between sub and function procedures.
- (c) Describe the exception handling mechanism with ‘Try-Catch’.

Unit—IV

- 4. (a) Differentiate CheckBox Control and RadioButton Control with example.
- (b) What is utility of Timer Control ? Explain with example.
- (c) Discuss OpenFileDialog and SaveFileDialog controls with example.

Unit—V

- 5. (a) Explain Dot Net data providers with it's types in brief.
- (b) Describe the DataSet Class and it's major components.
- (c) Write an explain database connection steps through ADO.Net.