

Roll No.

E-1891**P.G. Diploma in Computer Application****(Second Semester)****EXAMINATION, May-June, 2021****(New Course)**

PROGRAMMING IN V.B. Net

(PGDCA-106)*Time : Three Hours]**[Maximum Marks : 100*

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

Unit-I**(Objective/Multiple Choice Questions)**

1. (a) Explain the architecture and features of Net. framework ?
- (b) Explain the following :
 - (i) JIT compilation
 - (ii) Name spaces
- (c) What is Common Language Runtime (CRL). Explain what is event driven programming in VB.net.

P. T. O.**Unit-II**

2. (a) Explain the concept of MDI application. Design an application to demonstrate MDI application.
- (b) Discuss the different types of operators used in VB.Net with examples.
- (c) Explain the different data types used in VB.net with example.

Unit-III

3. (a) Define Exception. Explain the concept of Exceptional handling in VB.Net with example.
- (b) Explain the different control structures used in VB.Net with example.
- (c) What do you mean by arrays ? Explain the use of array with example.

Unit-IV

4. (a) Explain the working with window forms. Write a program to show and hide the two window forms ?
- (b) Explain the working of the following controls with examples :
 - (i) Text box
 - (ii) Button
 - (iii) Label
 - (iv) Scrollbar
 - (v) List box
- (c) Differentiate between open file dialog and print dialog with example.

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Unit-V

5. (a) Explain the architecture of ADO.Net.
- (b) Explain the following :
 - (i) Data adapters
 - (ii) Data sets
- (c) Design a window application to insert student records using ADO.NET.