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

EXAMINATION, May-June, 2022

(New Course)

(PROGRAMMING IN VB. Net)

(PGDCA - 106)

Time : Three Hours]   *[Maximum Marks : 80*

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

UNIT - I

1. (A) Explain JIT compilation and MSIL.

   (B) Describe event driven programming & inter operability.

   (C) Explain metadata, Namespace and Assemblies.

Unit - II

2. (A) Explain MDI application, components and controls.

   (B) Explain type conversions, Methods and events.

   (C) Explain scope and lifeline of variables and creating Enumerations.

Unit - III

3. (A) Explain arrays, types of methods in detail.

   (B) Explain exception handling try catch statement in detail.

   (C) Explain user defined exceptions of sub procedures and functions.

Unit - IV

4. (A) Explain GUI programming with window forms.

(B) Explain working of following

    (i)   Dialog boxes

    (ii)   Scroll bar

    (iii) Font dialog

    (iv) Toggle Button

    (v)   Color dialog

(C) Explain font dialog and designing menus and sub menus.

Unit - V

5. (A) Explain ADO . NET Architecture & .NET data provider.

(B) Explain Data adapters of Data sets & data bind control.

(C) Explain creating database applications using window forms.