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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.

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**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.

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(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.

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(C) Explain creating database applications using window forms.

### **Unit - V**

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

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