

Exam. Code : 304801

Subject Code : 4983

P.G. Diploma in Web Designing Ist Sem.

PROGRAMMING IN VB.NET

Paper-IV

Time Allowed—3 Hours] [Maximum Marks—50

**Note** :— Candidates are required to attempt **five** questions, selecting at least **one** from each section. **Fifth** question may be attempted from any section. The students can use only Non-programmable and Non-storage type calculator.

**SECTION—A**

1. What do you mean by .Net ? What are basic design principles of .Net Framework ? Discuss in detail. 10
2. What do you mean by event oriented language ? Give its characteristics. How event driven programming is different from procedural programming ? Does VB.Net support event driven Programming ? Justify your answer. 10

**SECTION—B**

3. What is code optimization ? Elaborate. 10
4. Discuss the following in detail :
  - (a) Error handling 5
  - (b) Data access with ADO.NET. 5

**SECTION—C**

5. Compare ADO and DAO in tabular manner. Explain their differences with suitable examples. What are the limitations of ADO ? 10
6. What are connection objects, command objects and record set objects ? Discuss their working in detail. 10

**SECTION—D**

7. What do you mean by a file ? How files are handled in VB.Net ? Briefly discuss VB.Net I/O classes and File Stream Class. 10
8. What are different approaches used in creating the reports in VB.Net ? Explain steps to create the reports. 10