

**PGDCA-04/MSCCS-04/  
PGDCA-104/MSCCS-104/  
MSCCSC-104/MCA-104/CPVB**

**December – Examination 2022**

**PGDCA/MSCCS (Previous)/CPVB/  
MCA (Ist Year) Examination**

**PROGRAMMING IN VISUAL BASIC AND  
DOT NET**

**Paper : PGDCA-04/MSCCS-04/  
PGDCA-104/MSCCS-104/MSCCSC-104/  
MCA-104/CPVB**

*Time : 3 Hours ]*

*[ Maximum Marks : 80*

*Note :-* The question paper is divided into three Sections A, B and C. Write answers as per the given instructions.

**Section-A**

**8×2=16**

**(Very Short Answer Type Questions)**

*Note :-* Answer all questions. As per the nature of the question delimit your answer in one word, one sentence or maximum up to **30** words. Each question carries 2 marks.

*PGDCA-04/MSCCS-04/  
PGDCA-104/MSCCS-104/  
MSCCSC-104/MCA-104/CPVB / 3*

( 1 )

***TR-513*** Turn Over

1. (i) What is Exception ?
- (ii) What is data validation in VB.NET ?
- (iii) How do use MDI in VB.NET ?
- (iv) Define object in VB.NET.
- (v) What are dynamic link libraries ?
- (vi) What are features of VB.NET ?
- (vii) Define Just in Time.
- (viii) What is data set ?

**Section-B** **4×8=32**

**(Short Answer Type Questions)**

**Note** :- Answer any *four* questions. Each answer should not exceed **200** words. Each question carries 8 marks.

2. Differentiate between ASP.NET and Client Side Technologies.
3. Explain the windows program architecture in VB.
4. Explain tree node in detail.
5. What is Interface ? Explain with example.

6. Explain module and class module.
7. Compare Overloading and Overriding.
8. Discuss important aspects of CLR.
9. Explain control array err object.

**Section-C** **2×16=32**

**(Long Answer Type Questions)**

**Note** :- Answer any *two* questions. You have to delimit your each answer maximum up to **500** words. Each question carries 16 marks.

10. What are error handling routines explain where and when should use the error handlers ?
11. How thread is created, suspended in VB.NET ?
12. Give comparison of active XDLL and Active X Exe.
13. List the features of visual Basic.NET. Also explain .NET Framework in detail.