

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

**June – Examination 2023**

**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 any *eight* 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.

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( 1 )

***T-513*** Turn Over

1. (i) What is Shadowing ?
- (ii) What is active X document ?
- (iii) Enlist name space in VB .Net ?
- (iv) Define variables and constant.
- (v) Define Multithreading.
- (vi) What do you understand by IDE ?
- (vii) What is Polymorphism ?
- (viii) What is objective of MsgBox() function ?

**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. Discuss the component of ADO.NET on which data access is relies.
3. What is data grid ? Explain the basics of data grid with example.
4. Write a note on string function.
5. Explain Array in VB .NET with example.
6. What is data set ?

7. Explain explicit and implicit.
8. What is the purpose of using session objects ?
9. Explain the random access file organization.

**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. Explain the life cycle of web form page.
11. Explain ADO.Net architecture with diagram.
12. Explain MSIL in detail.
13. How .NET framework compiles and executes program ?