2511000904022001
EXAMINATION MARCH 2025
BACHELOR OF COMPUTER APPLICATION (NCF-NEP) (FOURTH SEMESTER)
MAJOR-2-404-.NET PROGRAMMING (TH)

[**Time: As Per Schedule]** **[Max. Marks: 25]**

Instructions:

1. **Fill up strictly the following details on your answer book**
   a. Name of the Examination: **BACHELOR OF COMPUTER APPLICATION (NCF-NEP) (FOURTH SEMESTER)**
   b. Name of the Subject: **MAJOR-2-404-.NET PROGRAMMING (TH)**
   c. Subject Code No: **2511000904022001**
2. Sketch neat and labelled diagram wherever necessary.
3. Figures to the right indicate full marks of the question.
4. All questions are compulsory.

Seat No:

Student's Signature

Q.1 Answer the following (any FIVE): **05**

1. With the use of .net programming we can develop _____ applications?
   (A) Console (B) Windows
   (C) Web/Mobile based (D) All of the above

2. Radio buttons are used to _____.
   (A) limit user input (B) make interface look better
   (C) make coding easier (D) fill unique information

3. A _____ performs invisible tasks even if you write no code.
   (A) Destructor (B) Constructor
   (C) Function (D) Procedure

4. _____ prevents you from using undeclared variable in your code.

   (A) Option Implicit On (B) Option Explicit On

   (C) Option Infer On (D) Option Strict On

5. Which of the following is part of an object?

   (A) methods (B) properties

   (C) instances (D) both (A) & (B)

6. _____ converts to long datatype.

   (A) Lng (B) CLng

   (C) Long (D) CLong

7. Which of the following is (are) the Command Object Method(s)?

   (A) Execute Reader (B) Execute Scaler

   (C) Execute Non Query (D) All of the above

Q.2 [A] Explain working of CLR. **4**

OR

[A] Write a note on CTS. **4**

[B] Write a note on conditional control statement. **4**

OR

[B] Explain any four string functions using example. **4**

Q.3 [A] Explain ListBox control with its main properties and events. **4**

OR

[A] Write a short note on structured exception handling. **4**

[B] Explain My Base and My Class keywords. **4**

OR

[B] Explain constructor with its syntax. **4**

Q.4 What is disconnected architecture? How ADO.NET achieves it? **4**

OR

Explain the use of Data Adapter and Dataset using examples. **4**

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