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BACHELOR OF COMPUTER APPLICATIONS (B.C.A.)/ SPECIALIZATION IN CYBER SECURITY (CS)

EXAMINATION : MAY - 2024

SEMESTER – V

Sub: ASP. Net (BCA-541/BCA-540-18/BCA-540-20/BCA-CS-540-20)

Date : 22/05/2024	Total Marks : 60	Time: 2.00 pm to 4.30 pm

Instructions:
1. *All questions are compulsory unless and otherwise stated.*
2. *Bold figures to the right of every question are the maximum marks for that question.*
3. *Candidates are advised to attempt questions in order.*
4. *Answers written illegibly are likely to be marked zero.*
5. *Use of scientific calculators, Log tables, Mollier Charts is allowed.*
6. *Draw neat and labelled diagrams wherever necessary.*

Q.1. Fill in the blanks. **(05)**

1. _____methods provided by Console.in
   a) Read(), ReadLine()   b) ReadKey(), ReadLine()
   c) Read(), ReadLine(), ReadKey()   d) ReadKey(), ReadLine()

2. For overriding , declare method in parent class with_____
   a)virtual   b) overridable
   c) overriding   d) override

3. For inheritance , _____symbol is used.
   a) " (quotes)   b) : (colon)
   c) , (Comma)   d) $

4. CLR stands for _____.
   a) Common language runnable   b) common list runntime
   c) Common list runnable   d)common language runtime

5. MSIL is _____level language.
   a) low   b) slow
   c) high   d) middle

Q.2. State True/False. **(05)**

1. C# an object-oriented programming language

2. Console is method in C#

3. Web server controls are declared like <input type=button>

4. ASP.Net supports multiple inheritance.

5. Continue keyword is used to come outside of the loop.

Q.3. **Answer the following. (Solve any 5)** **(10)**

1. What is Master Page?

2. What is Assembly in C#?

3. Is C# managed code or unmanaged code?

4. What is namespace? Give one example.

5. What is Array and ArrayList?

6. What is partial Class?

Q. 4. **Answer the following in detail. (Solve any 6)** **(30)**

1. What is cookie? How to create a cookie? How to read values from cookie? Explain with example.

2. Explain the concept of Jagged arrays in C#.

3. Explain compile time polymorphism in C# with example

4. Differentiate ASP and ASP.NET.

5. What is ref type and value type?

6. Why to use sealed class?

7. Write a program in C# for Exception.

Q. 5. **Answer the following in detail. (Solve any 1)** **(10)**

1. Explain connected and disconnected architecture of ADO.Net.

2. Explain.net framework with a neat diagram.

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