

**TILAK MAHARASHTRA VIDYAPEETH, PUNE**  
**BACHELOR OF COMPUTER APPLICATIONS (B.C.A.)/  
 SPECIALIZATION IN CYBER SECURITY (CS)**  
**EXAMINATION : DECEMBER - 2023**

**SEMESTER – V**

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

**Date : 26/12/2023**

**Total Marks : 60**

**Time: 10.00 am to 12.30 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. In \_\_\_\_\_ value type is converted into reference type.
 

a) boxing	b) preboxing
c) unboxing	d) disboxing
2. \_\_\_\_\_ validator control is used for validating email address.
 

a) Required field	b) range
c) regular expression	d) compare
3. The extension of C# language is \_\_\_\_\_.
 

a) .c	b) .cs
c) .cpp	d) .csp
4. JIT stands for \_\_\_\_\_ compiler.
 

a) Just in table	b) Just in threads
c) Java in time	d) Just in time
5. Abstract class contains \_\_\_\_\_.
 

a) abstract methods	b) both
c) non abstract methods	d) none

**Q.2. State True/False.**

**(05)**

1. .Net doesn't support multiple inheritance.
2. Web.config file is written in XML.
3. ADO.net supports only connected type of database architecture.
4. C# is object oriented programming language.
5. Console is a method in C#.

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

**(10)**

1. What is partial class?
2. What is session and application?
3. Write down the role of CTS.
4. What is MSIL?
5. Write down the XML code for adrotator.
6. What is interface?

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

1. Write a short note on CLR
2. Explain different types of validation controls.
3. Define exception. How to raise arithmetic exception in C#.
4. Write down the structure of global.asax.
5. Write a program in C# for inheritance.
6. Describe events occurred in web page life cycle.
7. What is cookie? How to create cookie?

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

1. Explain Over riding and overloading in C#.
  2. Write down the program to show and save the records in course table (Course code , course name) using connected architecture.
-