



K17U 1744

Reg. No. :

Name :

V Semester B.C.A. Degree (CBCSS-Reg./Sup./Imp.)
Examination, November 2017
(2014 Admn. Onwards)
(Core Course)
5B16BCA:C# AND.NET PROGRAMMING

Time : 3 Hours

Max. Marks : 40

SECTION – A

1. **One** word answer : (8x0.5=4)
- a) The first event triggers in an aspx page is _____
 - b) What class does the ASP.NET Web form class inherit from by default ?
 - c) MSIL means _____
 - d) File extension used for ASP.NET files is _____
 - e) Default scripting language in ASP is _____
 - f) _____ object can help you to maintain data across users.
 - g) _____ ASP.NET object encapsulates the state of the client.
 - h) The .NET Framework provides a runtime environment called _____

SECTION – B

Write short note on **any seven** of the following questions.

(7x2=14)

- 2. How to implement command line arguments in C# ?
- 3. Explain the concept of enumerations in C#.
- 4. Explain the concept of polymorphism.
- 5. Write short note on ADO.NET.
- 6. What are the uses of namespaces ?
- 7. Explain how to handle errors in C#.
- 8. What is reflection ?
- 9. What is .NET framework ?
- 10. What is Marshalling in .NET ?
- 11. What is boxing and unboxing ?

P.T.O.



SECTION – C

Answer **any four** of the following questions :

(4x3=12)

- 12. What are interfaces ?
- 13. What is web form life cycle ?
- 14. Explain the process of handling events using delegates.
- 15. Explain the concept of multithreading.
- 16. What are the different web form events ?
- 17. What are private and shared assemblies ?

SECTION – D

Write an essay on **any two** of the following questions :

(5x2=10)

- 18. List and explain the major elements of .NET frame work.
- 19. Explain about object oriented aspect of C#.
- 20. Develop a C# application to demonstrate the use of polymorphism.
- 21. Describe how data are accessed using ADO.NET.