



K18U 1677

Reg. No. :

Name :

V Semester B.C.A. Degree (CBCSS – Reg./Sup./Imp.)
Examination, November 2018
(2014 Admn. Onwards)
Core Course
5B 16BCA : C# AND NET PROGRAMMING

Time : 3 Hours

Max. Marks : 40

SECTION – A

1. One word answer.

(8×0.5=4)

- a) _____ component of the .NET framework provide an extensible set of classes that can be used by any .NET compliant programming language.
- b) Code that targets the Common Language Runtime is known as _____
- c) Which of the following given below CANNOT belong to a C#.NET Namespace ?
- | | |
|----------|-----------|
| a) class | b) struct |
| c) enum | d) data |
- d) In C#.NET if we do not catch the exception thrown at runtime then which of the following will catch it ?
- | | |
|-------------|-----------|
| a) compiler | b) linker |
| c) loader | d) CLR |
- e) _____ object is used to fill a dataset/data table with query results in ADO.Net.
- | | |
|-----------------|----------------|
| a) data reader | b) data set |
| c) data adapter | d) data tables |

P.T.O.



- f) To use the .Net framework Data Provider for SQL server, an application must reference the _____ namespace.
- a) system.data.client b) system.data.sqlclient
c) system.data.sql d) none mentioned
- g) Web pages can have both HTML and _____ controls.
- h) Write full form of JIT.

SECTION – B

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

(7×2=14)

2. Define namespace.
3. What are basic data types in C# ?
4. Explain access specifiers.
5. Write any two mouse and keyboard event routine.
6. What is .Net Assembly ?
7. Name different type of errors.
8. What is reflection ?
9. What is the purpose of data adapters ?
10. Discuss the purpose of solution explorer.
11. Describe MSIL.

SECTION – C

Write **any four** of the following questions.

(4×3=12)

12. Write the steps to create a simple C# console program.
13. Write notes on boxing and unboxing.



14. What are delegates, write one example ?
15. Distinguish between class and structure with example.
16. Explain Webform events.
17. Describe ADO.NET structure.

SECTION – D

Write **any two** of the following questions :

(2×5=10)

18. Explain the basic components of .Net Framework.
 19. Write method for Exception handing in C#.
 20. Explain webform life cycle.
 21. Discuss the looping statements in C# with syntax.
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