



0093137

K19U 2199

Reg. No. :

Name :

V Semester B.C.A Degree (CBCSS-Reg./Sup./Imp.)
Examination, November- 2019
(2014 Admn. Onwards)

CORE COURSE

5B16 BCA : C# AND .NET PROGRAMMING

Time : 3 Hours

Max. Marks : 40

SECTION - A

1. One Word Answer (8×0.5=4)

a) _____ is a name which can be used to identify a class, variable, function etc.

i) Keyword

ii) Reference

iii) Identifier

iv) Object

b) _____ access specifier allows a class to expose it's member variables and member functions to other functions and objects in the current application.

i) Internal

ii) Protected

iii) Private

iv) Public

c) _____ is the process of converting a value type data type to the object

d) Write the full form for .Net

P.T.O.



- e) Which among the following is NOT an exception?
- i) Stack Overflow
 - ii) Arithmetic Overflow or underflow
 - iii) Incorrect Arithmetic Expression
 - iv) All of the mentioned
- f) Which of the following keyword is used to change data and behavior of a base class by replacing a member of the base class with a new derived member?
- i) Overloads
 - ii) Overrides
 - iii) New
 - iv) base
- g) _____ is a part of ADO.NET data provider which acts as a communicator between Dataset and the Data source.
- h) For is _____ control loop

SECTION - B

Write short note on any **Seven** of the following questions. (7×2=14)

2. Explain the origin of .net technology.
3. What are benefits of C#?
4. Define an enumerated data type
5. What are event routines?
6. What is containment inheritance?
7. Name different web services
8. What is reflection?



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9. What is the purpose of data reader?
10. Name any five components of C# IDE
11. Describe metadata.

SECTION - C

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

(4×3=12)

12. Write the steps to create a window form application.
13. Explain a method in C#
14. What is meant by multithreading?
15. Distinguish between runtime and compile time polymorphism.
16. Draw Web form lifecycle.
17. Draw the architecture of .net

SECTION - D

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

(2×5=10)

18. Explain the function of CLR.
 19. Discuss the branching and looping statements with syntax and example.
 20. Explain object oriented properties of C#
 21. What is a connection string? Explain the procedure for SQL data connectivity?
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