



K18U 0926

Reg. No. :

Name :

IV Semester B.Sc. Degree (CBCSS – Reg./Sup./Imp.)

Examination, May 2018

(2014 Admn. Onwards)

CORE COURSE IN COMPUTER SCIENCE

4B05 CSC C# and .NET Programming

Time : 3 Hours

Max. Marks : 40

SECTION – A

1. One word answer :

(8×0.5=4)

- a) C# was developed by
- b) CLR stands for
- c) _____ is process of converting a value type to the type object or interface type.
- d) The default type of enumeration element is
- e) Object is _____ of class.
- f) _____ allows to encapsulate a reference to a method.
- g) Every request for page made from a webserver causes a chain of event at server these constitute _____ of the page.
- h) _____ first phase in life cycle for any page/control.

SECTION – B

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

(7×2=14)

- 2. Define Boxing and Unboxing.
- 3. Name any 4 features of c#.
- 4. What is meant by Namespace ?

P.T.O.



5. Briefly describe the datatypes in C#.
6. What is the difference between Array and Structure ?
7. What are Literals ?
8. What is meant by delegates ?
9. Define Multithreading.
10. Difference between C# and java.
11. Write a simple C# program and explain.

SECTION – C

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

(4×3=12)

12. Explain Inheritance.
13. Discuss Polymorphism.
14. Differentiate between class and object.
15. Explain CLR.
16. What is array and strings ?
17. What is meant by interface ?

SECTION – D

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

(2×5=10)

18. Explain Object Oriented concepts of c#.
 19. Explain different phases of web life cycle.
 20. Explain enumeration with example.
 21. Write a note on evolution of .NET technology and .NET framework.
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