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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