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BJ—08—2016

FACULTY OF COMPUTER STUDIES

B.Sc. (CS) (Second Year) (Fourth Semester) EXAMINATION

OCTOBER/NOVEMBER, 2016

(Revised Course)

COMPUTER SCIENCE

(C# .Net)

(Saturday, 19-11-2016)

Time : 2.00 p.m. to 5.00 p.m.

Time—3 Hours

Maximum Marks—80

N.B. :— (i) All questions are compulsory.

(ii) Figure to the right indicate full marks.

1. Attempt the following : 20

(i) What is C# ? Explain Evolution of C#.

(ii) Explain object browser in detail.

(iii) Explain textbox and label control.

(iv) Explain Common Language Runtime (CLR).

2. (a) Explain Integrated development environment (IDE). 8

(b) Write a C# program to check whether the entered number is even or odd. 7

Or

(c) Explain Delegates and multicast delegates in detail. 8

(d) Explain Boxing and unboxing variable. 7

3. (a) Explain interface in detail. 8

(b) Write a C# program to find largest number among three numbers. 7

Or

(c) Explain event driven programming model. 8

(d) Explain threading synchronization. 7

P.T.O.

4. (a) Explain different events used in C#. 8
- (b) Explain project types in C#. 7
- Or*
- (c) Explain Menu and Toolbar Control. 8
- (d) Explain Retrieving and updating data from tables. 7
5. Write short notes on (any *three*) : 15
- (i) Explain Combo Box
- (ii) Explain Property Box
- (iii) Dialog Boxes
- (iv) Advantages of ADO .NET
- (v) Exception Handling.