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BR—328—2016

FACULTY OF COMPUTER STUDIES

M.Sc. (First Year) (Second Semester) EXAMINATION

OCTOBER/NOVEMBER, 2016

(CBCS Pattern)

COMPUTER SCIENCE

(CS-203)

(C#.Net)

(Tuesday, 22-11-2016)

Time : 10.00 a.m. to 1.00 p.m.

Time—3 Hours

Maximum Marks—75

N.B. :— (i) Attempt All questions.

(ii) Assume suitable data if necessary.

1. Attempt the following (any *three*) : 15
 - (a) Explain .Net framework.
 - (b) What is CLR ?
 - (c) Explain multicast delegate in detail.
 - (d) Write console application code to display Fibonacci series.
 - (e) Explain concept of exception.
2. Attempt the following (any *three*) : 15
 - (a) How is C# differ from C++ ?
 - (b) What are the different project types ?
 - (c) Explain concept of pooling.
 - (d) What is boxing and unboxing of variable ?
3. Attempt the following (any *three*) : 15
 - (a) Explain solution explorer window.
 - (b) Discuss Jagged array in detail.
 - (c) Write console application to sort array in ascending order.
 - (d) Explain concept of XML.

P.T.O.

4. Answer any *three* of the following : 15
- (a) Explain group box control in detail.
 - (b) Explain short circuit operators.
 - (c) Explain procedure to create web service.
 - (d) What are managed data providers ?
5. Write short notes on the following (any *three*) : 15
- (a) Heap facility
 - (b) .Net languages
 - (c) Object access protocol
 - (d) Events
 - (e) Tree view control.