

III Semester B.A./B.Sc. Examination, November/December 2014 (Semester Scheme) (Repeaters)

COMPUTER SCIENCE - III

OOPS Using C++ and DBMS

70 – 2012-13 & Onwards 60 – Prior to 2012-13

Tire: 3 Hours

Max. Marks: 70(R 2012–13 Only)

60(R Prior to 12)

Instructions: 1) Repeaters (2012-13 only) have to answer Section A, B, C, D.

- 2) Repeaters (Prior to 2012-13) have to answer Section A, B, C.
- 3) 70 marks for students of 2012-13 only.
- 4) 60 marks for Repeat students prior to 2012-13.

SECTION - A SCU

Answer any 10 questions:

 $(1 \times 10 = 10)$

- 1) Define data encapsulation.
- 2) What is an inline function?
- 3) What is late binding?
- (4) What are the different storage classes?
- (5) What is function overloading?
 - 6) What is a destructor?
 - 7) Name the operator that is used for dynamic memory allocation.
 - 8) What is meta data?
 - 9) Define first normal form.
 - 10) What is a candidate key?
- (11) What is SQL?
- (12) Define weak entity.

SECTION - B

II. Answer any 5 questions :

 $(3 \times 5 = 15)$

- 13) Discuss default arguments with an example.
- 14) Explain copy constructor with an example.
- 15) What is operator overloading? Explain with syntax. Mention the operators that cannot be overloaded.

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