DF-3021
Second Year B. Sc. (Computer Science)
(Sem. III) Examination
March / April - 2016
Course-301 : Object Oriented Programming : C++

Time : 2 Hours] [Total Marks : 50

Instruction : Fill up strictly the details of signs on your answer book.

Name of the Examination :
SECOND YEAR B. SC. (COMPUTER SCIENCE) (SEM. 3)

Name of the Subject :
COURSE 301 : OBJECT ORIENTED PROGRAMMING : C++

Seat No. :
Student's Signature

1 Answer the following : 10
   (1) Explain the use of this pointer.
   (2) Explain abstract class.
   (3) Explain importance of static function.
   (4) Explain the importance on inline function.
   (5) Explain the role of constructor and deconstructor.

2 (a) Explain parameterized constructor with proper example. 7

OR

(a) Explain virtual and pure virtual function with proper example. 7

(b) Explain reading and writing operation on file with example. 8

3 (a) Differentiate private, protected and public access specifiers. 7

(b) Explain copy constructor with proper example. 8

OR

(b) Explain multilevel inheritance with proper example. 8

DF-3021] 1 [Contd...
Answer any two from following:

1. Operator overloading using friend functions
2. Multiple inheritance
3. Formatted I/O in files.