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THIRD SEM

Roll No:.....

B.TECH(CO/SE)

END SEM EXAMINATION

NOV. 2018

CO/SE-201 OBJECT ORIENTED PROGRAMMING

Time: 3 Hours

Max. Marks : 70

Note : Answer any five questions  
Assume suitable missing data, if any.

- 234-452
- Q1. (a) Explain parameterised constructor. Give suitable code to explain 7  
(b) What is type conversion? Write suitable code for conversion from basic to class type. 7
- Q2. (a) How many keywords are there in C++? Explain any 3 keywords of C++. 7  
(b) What is the different type of inheritance? explain 7
- Q.3 (a) Explain the use of inline function. Give suitable example. 7  
(b) What is function overloading? Write a program to overload function **area** using function overloading. 7
- Q4. (a) Explain call by value and call by reference. 7  
(b) Write a program to add, show details of faculty using inheritance where class "emp" is inherited by class "faculty" 7
- Q.5 (a) Give the meaning of the following terms: 9  
i) Abstraction;  
ii) Encapsulation;  
iii) Data hiding.  
(b) Explain visibility modes protected available in C++ along with their purpose. 5
- Q6. (a) What are the rules for naming identifier? 5  
(b) How the virtual functions are declared in C++. 6  
(c) List operators which can't be overloaded 3

Q7. Write short notes on any two :-

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- (a) Friend function
- (b) Templates
- (c) Pure virtual function
- (d) Features of Java