

**R07****Code: R7220506**

B.Tech II Year II Semester (R07) Supplementary Examinations December/January 2015/2016

**OBJECT ORIENTED PROGRAMMING**

(Common to CSE, IT, ECC &amp; CSS)

(For 2008 regular admitted batch only)

Time: 3 hours

Max. Marks: 80

Answer any FIVE questions  
All questions carry equal marks

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- 1 (a) What is the difference between object based and object oriented programming?  
(b) How does java differ from C language?
- 2 (a) Write a java program to find greatest common divisor of given two numbers.  
(b) Write a java program to check whether the given number is palindrome or not.
- 3 (a) What is abstract class? Explain with an example.  
(b) Explain the procedure to call super class members with examples.
- 4 (a) Write a brief note on variables in interfaces.  
(b) Discuss briefly about Math class.
- 5 (a) Explain multithreading by creating multiple threads (more than two).  
(b) What is the use of Alive ( ) and join ( ) functions in multithreading?
- 6 What is the task performed by Layout manager? Explain different layout managers.
- 7 (a) Explain the use of JTable class with an example.  
(b) What are the mandatory attributes of applet tag? Explain them.
- 8 (a) Explain the usage of URL Connection class with an example.  
(b) Explain any two classes available in java.util package with suitable examples.

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