Government College of Engineering, Amravati
Department of Computer Science and Engineering
Class Test-II (2014-15)

Sub: CSU 301 Programming Methodology   **Marks: 15**   **Time: 1 hour**

Solve Any Three:

Q. 1. Explain Dynamic Method Dispatch, its advantage with example.   (5)

Q. 2. Write a program for adding two different times (6 hours and 45 minutes) (4 hours and 30 minutes) utilizing the concept of Object as Parameters.   (5)

Q. 3. What are the different uses of super keyword explain with example?   (5)

Q. 4. Write a short note on: i) final   ii) finalize( )   iii) this   (5)

GOVT. COLLEGE OF ENGINEERING, AMRAVATI
Department of Computer Science and Engineering
CLASS TEST-II (Winter 2015) B. Tech. Second Year

Course: Programming Methodology   **Code:** CSU301   **Time:** 1 hrs.   **Marks:** 15   **Date:** 21/09/2015

Note: Solve any three questions, each question carry 5 marks.

Q1. Explain how Exception handling mechanism works with example and the statements used.

Q2. Explain and write a program to illustrate Dynamic Method Dispatch.

Q3. What are different purposes of super, explain with example?

Q4. Is multiple inheritance is not supported in java? True or false, justify, supporting an example.

Government College of Engineering, Amravati

(An Autonomous Institution of Government of Maharashtra)

Programme Name: B.Tech. Information Technology

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Class Test- II	**Course Code –CSU301**	**Course Name: Prog. Methodology**
Duration-1Hr	**Academic Year-2016-17**	**Max. Marks-15**

a) Explain following methods of String class.   [6M]

(i) getChars() (ii) compareTo() (iii) equalsIgnoreCase()

b) Explain polymorphism in details.   [5M]

c) Explain Math class in details.   [4M]

Differentiate between FM and AM — 5