

**GOVT. COLLEGE OF ENGINEERING, AMRAVATI**

**Department of Computer Science and Engineering**

CLASS TEST-I (Winter 2015) B. Tech. Second Year

**Course: Programming Methodology Code: CSU301 Time: 1 hrs. Marks: 15**

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**Note: Solve any three questions**

- Q1. Explain any five features of Java in detail.
- Q2. Write a program to generate 5 Random nos. between 1 to 100, and it should not follow with decimal point. (Use Math class)
- Q3. Explain constructor with its all type and example.
- Q4. Why Java is platform independent? Explain and justify.

# Government College of Engineering, Amravati

(An Autonomous Institution of Government of Maharashtra)

Programme Name: B.Tech. Information Technology

Class Test- I

Course Code – CSU301

Course Name: Prog.Methodology

Duration-1Hr

Academic Year-2016-17

Max. Marks-15

✓ Q.1) Explain features of java – i) robust ii) object oriented

[5M]

✓ Q.2) List and describe operator precedence in java.

[3M]

✓ Q.3) Describe multidimensional array in java.

[2M]

Q.3) Write a program to find sum of the series.

$$1 + X^3/3! + X^5/5! + X^7/7! + \dots \text{ n terms}$$

[5M]

OR

✓ Q.4) Write a program using switch case to check in which division student has passed the

exam<sup>n</sup> [exple mark

dist<sup>n</sup>  $\leq 75$

~~2nd~~  $\geq 60$

1st class  $> 75$

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