R09

B.Tech II Year II Semester (R09) Supplementary Examinations December/January 2015/2016
OBJECT ORIENTED PROGRAMMING
(Common to CSS, IT & CSE)

Time: 3 hours   Max. Marks: 70

Answer any FIVE questions
All questions carry equal marks
*****

1 (a) Explain the need for object oriented programming paradigm.
   (b) What are the components of java architecture? Explain in detail.
   (c) Describe with a flow chart, how various tools are used in application development.

2 (a) What is a method? Write the differences between method and constructor.
   (b) Explain "this" keyword.

3 (a) Explain dynamic method dispatch with an example.
   (b) List and explain the methods defined in the Object class.

4   Explain the classes:
   (a) CharacterArrayWriter.
   (b) BufferedReader.
   (c) BufferedWriter.
   (d) Pushbackreader.

5 (a) What is synchronization? Why is thread synchronization important for multithreaded programs?
   (b) What is multitasking? Give an example.

6 (a) Describe about the Canvas component in AWT.
   (b) Explain about Scrollbar AWT control.

7 (a) Explain the use of JTable class with an example.
   (b) What are the mandatory attributes of applet tag? Explain them.

8 (a) Discuss about internet addressing in TCP/IP.
   (b) What is the use of Inet Address class?

*****