

R09**Code: 9A05402**

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?
