

Code: R7220506

R7

B.Tech II Year II Semester (R07) Supplementary Examinations, April/May 2013

OBJECT ORIENTED PROGRAMMING

(Common to ECC, CSE, IT and CSS)

Time: 3 hours

Max Marks: 80

Answer any FIVE questions
All questions carry equal marks

- 1 (a) Describe the structure of a typical java program.
(b) Why do we need the import statement?
(c) What is statement? How do the java statements differ from those of C and C++?
- 2 (a) What is an operator? Write about unary operators in java.
(b) Explain the structure of java program with an example.
- 3 (a) What is single inheritance? Explain with an example.
(b) What is method overriding? Explain with an example.
- 4 (a) Write a program that uses a sequence input stream to output the contents of two files.
(b) What is serialization? Give one example program that uses object serialization.
- 5 (a) What is an error? Explain the different types of errors.
(b) What is an exception handling mechanism? Write the advantages of it.
- 6 Design a scientific calculator using AWT.
- 7 (a) Explain the use of JTable class with an example.
(b) What are the mandatory attributes of applet tag? Explain them.
- 8 (a) What is a network programming? How are the different machines in a network addressed? Explain.
(b) What is a port? What is the difference between port and socket? Explain with an example.
