

LOYOLA COLLEGE (AUTONOMOUS), CHENNAI – 600 034

M.Sc. DEGREE EXAMINATION – COMPUTER SCIENCE

FIRST SEMESTER – APRIL 2010

CS 1805 - OOPS THROUGH JAVA

Date & Time: 27/04/2010 / 9:00 - 12:00 Dept. No.

Max. : 100 Marks

PART - A: ANSWER ALL THE QUESTIONS

10 x 2 = 20

1. List out the features of Java.
2. What is an abstract class? Give an example.
3. What are packages?
4. Write a short note on Byte Stream classes.
5. What is an Applet?
6. List out the different Menu related AWT classes in Java.
7. Write a short note on Swings Text field.
8. What is a Java Bean?
9. Elucidate the life cycle of Servlets.
10. Write a short note on Callable statements.

PART - B: ANSWER ALL THE QUESTIONS

5 x 8 = 40

11. a) Explain the different data types supported by Java language.
(OR)
b) Explain the concept of Overloading in Java with an example.
12. a) Explain different Exception classes in Java.
(OR)
b) Explain the Thread class methods .
13. a) Discuss the life cycle of Applets.
(OR)
b) Explain how a Frame window can be created in Applet.
14. a) Explain any Four Swing component classes.
(OR)
b) Explain the advantages of Java Bean.
15. a) Explain the steps to work with Servlets.
(OR)
b) Write a Java program to access a database content using JDBC.

PART - C: ANSWER ANY TWO QUESTIONS

2 x 20 = 40

16. a) Explain the different Control statement supported by Java. (10)
b) Explain the Inheritance concept in Java with example. (10)
17. a) Explain the Event handling mechanism in Java. (10)
b) Explain how to use JButton class to create push button. (10)
18. a) Explain the steps to create a new Bean. (10)
b) Explain the classes in javax.servlet Package. (10)
