

ADIKAVI NANNAYA UNIVERSITY, RAJAMAHENDRAVARAM

MCA-19203 II Semester

OBJECT ORIENTED PROGRAMMING THROUGH
JAVA MODEL QUESTION PAPER

Time:3 Hrs.

Max Marks:75

----- SECTION- A(4 X 15 = 60 M)

Answer ALL Questions

1. a) Explain about Principles of Object Oriented Languages. [15M]
(Or)
b) What is the purpose of constructor in Java programming [15M]
2. a) Define inheritance. What are the benefits of inheritance? What costs are associated with inheritance? How to prevent a class from inheritance? [15M]
(Or)
b) Write a program to demonstrate hierarchical and multiple inheritance using interfaces. [15M]
3. a) Explain in details about Thread. [15M]
(Or)
b) Discuss about Applet Life Cycle. [15M]
4. a) Write a program with nested try statements for handling exception. [15M]
(Or)
b) How to move/drag a component placed in Swing Container? Explain. [15M]

SECTION– B (5X3=15Marks)

Answer any FIVE Questions

5.
 - a. Differentiate between print() and println() methods in Java.
 - b. What are symbolic constants? Explain with examples.
 - c. What are the methods available in the character streams?
 - d. What is the significance of the CLASSPATH environment variable in creating/using a package?
 - e. What is the difference between error and an exception?
 - f. What is synchronization and why is it important?

- g. What is the significance of Legacy class? Give example.
- h. What is an adapter class? Explain with an example.