

**ADIKAVI NANNAYAUNIVERSITY
RAJAMAHENDRAVARAM**

**CBCS / Semester System
(From 2015-16 Admitted Batch)**

B.Sc. Computer Science

III Semester

Model Question Paper

OBJECT ORIENTED PROGRAMMING USING JAVA

Time: 3 Hours

Max. Marks :75

SECTION-A

Answer any five questions from the following.

5 x 5= 25 M

1. What is Java virtual Machine?
2. Explain the Java program structure?
3. What is Constructor? Explain the different types of Constructors?
4. Explain about Overloading methods? Give example program?
5. What are the difference between an interface and a class?
6. Explain the Synchronization?
7. What is designing a webpage?
8. What is java API packages?

SECTION-B

Answer All the Questions.

5 x 10= 50 M

9. a) Explain the Basic concepts of OOP's?

(Or)

- b) What is the difference between C, C++ and java?

10. a) Explain about Data types in java?

(Or)

- b) Explain the different types of Operators in java?

11. a) What are the Looping statements in java with examples?

(Or)

- b) What is Inheritance? Describe different types of Inheritances?

12. a) Explain the concept of Exception handling mechanism in detail?

(Or)

b) Explain the Life Cycle of a Thread in java?

13. a) Explain the Applet life cycle in detail?

(Or)

b) Define package? How to create and accessing packages?