**Reg. No. \_\_\_\_\_\_\_\_**

**Karunya University**

**(Karunya Institute of Technology and Sciences)**

(Declared as Deemed to be University under Sec.3 of the UGC Act, 1956)

**Supplementary Examination - June 2011**

**Subject Title: FUNDAMENTALS OF JAVA Time: 3 hours**

**Subject Code: 10CA202 Maximum Marks: 100**

#### **Answer ALL questions**

**PART – A (10 x 1 = 10 MARKS)**

1. List out the data types in Java.

2. Give the syntax for replace ( )

3. What is Abstract Class?

4. What is the use of finalize method?

5. Define frame.

6. What is Object Cloning?

7. What are Event Procedures?

8. Give the uses of Slider.

9. List out the causes of errors.

10. Define thread.

**PART – B (5 x 3 = 15 MARKS)**

11. How will you copy an Array?

12. Write about Static field.

13. What is Inner Class?

14. Write about Model – view – Controller Design pattern.

15. Give the properties of thread.

**PART – C (5 x 15 = 75 MARKS)**

16. Discuss about various operators in java.

(OR)

17. Explain about Java “White Paper” Buzzwords.

18. Write in detail about Packages in Java.

(OR)

19. What is Array List? Explain all the operations that can be performed on Array List with suitable example program.

20. How can the Text and Fonts be handled in Graphics Programming? Give example.

(OR)

21. Explain about Interfaces with suitable example.

22. Discuss about AWT Event Hierarchy.

(OR)

23. Write a Java Program to implement Calculator using swing.

24. How is an Exception handled in Java? Explain with an example.

(OR)

25. What is Synchronization? Explain with an example program.