

MAY 2013

**P/ID 17463/
RCN/PCAP**

Time : Three hours

Maximum : 75 marks

PART A — (5 × 5 = 25 marks)

Answer ALL questions.

1. (a) Discuss on features of Java.

Or

(b) Explain the branching Control statements in Java with examples.

2. (a) What is Method overloading? Explain with example.

Or

(b) Discuss on “super” clause. Give an example.

3. (a) Explain Runnable interface in Java with example program.

Or

(b) Describe Multithreading in Java with suitable example.

4. (a) Explain StringBuffer class and its methods.

Or

- (b) Discuss on Code Documentation in Java.

5. (a) Define Proxy server. How to implement Proxy Server in Java.

Or

- (b) Discuss on the usage of AWT Controls with example program.

PART B — (5 × 10 = 50 marks)

Answer any FIVE questions.

6. Discuss the following in Java:

(a) Data Types

(b) Looping Statements

7. Explain Static and Fixed method with suitable example.

8. What is Package? What are the benefits of using packages? Write down the steps in creating a package and using it in a Java program with an example.

9. Explain String functions. Write a program which appends the string “programming” to the string “Java”.
 10. What is an Exception? Explain how to throw, catch and handle Exception.
 11. Explain how to create threads. Write a Java program that prints numbers from 1 to 10 line by line after every 5 seconds.
 12. Write a Java program for Chat application using TCP/IP Protocol.
 13. Discuss on Layout Managers and Menus with example.
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