

[Time:2.30 Hrs]

[Marks:75]

Please check whether you have got the right question paper.

- N.B:
1. All questions are compulsory.
 2. Figures to the right indicate full marks.

Q.1 Attempt any four of the following:**20**

- A Explain features of Java.
- B What is a looping statement in Java? Explain any one with an example.
- C Write a short note on Derived Datatypes in Java.
- D Explain the concept of Objects in Java with examples.
- E What is Method Overloading in Java? Explain with an example.
- F What is a string? Explain, with example, the following methods of String class: (i) indexOf() (ii) substring()

Q.2 Attempt any four of the following:**20**

- A Explain User Defined Exceptions with example in Java.
- B How to use multiple catch statements in Exception Handling.
- C What are the steps to create a thread in Java?
- D Explain the process of stopping and blocking a thread in Java.
- E What is Java InputStream Class? Justify with an example.
- F Explain the Java Networking Classes.

Q.3 Attempt any four of the following:**20**

- A What is a Wrapper Class? Explain its types.
- B What is List Interface? Explain its methods.
- C Explain Anonymous Inner Classes with examples.
- D What is a Container? Explain its types.
- E Explain the concept of Button with examples.
- F What is a GridLayout Manager? Explain with an examples

Q.4 Attempt any three of the following:**15**

- A Write a short note on Java Tokens.
- B Explain if-else-if ladder with example.
- C Write a Program to read the contents of the file and display it.
- D Explain the following terms:
 - a) TCP b) UDP c) IP Address d) MAC Address e) Socket
- E Explain the Text Component of AWT with an example.
- F What is the difference between the Frame and Panel?

*******END*******