

CLASS: M.Sc. I.T.

15A / 271

St. JOSEPH'S COLLEGE (AUTONOMOUS) TIRUCHIRAPPALLI – 620 002

SEMESTER EXAMINATIONS – APRIL 2015

TIME: 2 Hrs. 20 min.

MAXIMUM MARKS: 70

SEM	SET	PAPER CODE	TITLE OF THE PAPER
II	2014	14PIT2107	JAVA PROGRAMMING

SECTION – B

Answer all the questions:

5 x 5 = 25

31. a. What is a Constructor? Explain about the same.

OR

b. Write a short note on method overloading with an example.

32. a. Write a note on Package in Java.

OR

b. Write a Java Program for handling Arithmetic Exception using try and Catch.

33. a. Write a short note on an Applet Skeleton.

OR

b. Bring out the differences between `getDocumentBase()` and `getCodeBase()`.

34. a. Write a note on Thread Priorities.

OR

b. Explain about JDBC to establish a database connection.

35. a. Write a note on JAR files.

OR

- b. What is a Servlet? How do you create and compile the Servlet source code.

SECTION – C

Answer any THREE questions:

3 x 15 = 45

36. Explain the following:

(i) Inheritance basics (7)

(ii) Method overriding with an example (8)

37. Explain the following:

(i) Interfaces using an example (8)

(ii) Types of streams (7)

38. Briefly explain about Swings Icons, Tables and Text Fields with an example for each.

39. Explain the following:

(i) JDBC table updating

(ii) Write a program to modify the price of a given brand of tea using JDBC.

40. Explain about HTTP Servlet Request and Responses.
