

PAPER ID:- 19M

BE CSE/IT

Project Based Learning in

Semester: 6th

Sub. Code: CST-351/ITT-351

Time Allowed: 3 Hours

Maximum Marks :60

Type: Reg. (May-19)

Note: 1. Attempt six questions only. All questions carry 10 marks.

2. Question no. 1 is compulsory with 5 short questions.

(Answer to each part should be between 50-60 words)

3. Attempt five questions from Sections- B, C & D, but not more than two questions from each sections.

(Each Answer should be between 250-300 words)

Section - A (Compulsory)

(5X2=10)

Q.1 Differentiate between the throw and throws

(a) keyword.

(b) "Java is statically and strong typed language". Justify with the help of a program?

(c) When to use Linked List or Array List?

(d) What are the life-cycle methods for a servlet?

(e) What is JSTL?

Section - B

(10 Marks Each)

With the help of a java program clarify

Q.2 unreachable catch block error.

Q.3 With the help of a program differentiate between public, private, protected and default modifiers.

Develop a java program to explain the concept of

Q.4 switch case and jump statements.

Section - C

(10 Marks Each)

Q.5 Develop a program to clarify the difference between 'Statement' and 'Prepared Statement' Interface.

Formulate a program to differentiate between Tree

Q.6 Set and Tree Map using suitable code.

Q.7 Create a program for File Input Stream and File Output Stream?

Section - D

(10 Marks Each)

Q.8 Give the various applications of JSP and servlets.

Q.9 Formulate a program to study the purpose of XML in a web service?

Q.10 Give the use of JSP in the MVC model? Write suitable code to justify your answer.