

Register Number:

Date :



ST. JOSEPH'S COLLEGE (AUTONOMOUS), BANGALORE- 27

M.Sc (COMPUTER SCIENCE) - I SEMESTER

SEMESTER EXAMINATION – OCTOBER 2018

CS7118: OBJECT ORIENTED PROGRAMMING USING JAVA

Time – 2 ½ hrs

Max Marks-70

This question paper contains ONE page and ONE Part

Answer any seven questions from the following:

1. a) Write the drawbacks of procedural programming paradigm. (5+5)
b) What is a class? Create an Employee class.
2. Explain any five object oriented programming features with real time examples.
3. a) Explain different access specifiers in java. (4 + 6)
b) Explain constructor overloading with a programming example.
4. a) Write short notes on JVM. (4 + 6)
b) what is an exception? Give an example to handle array index out of bound exception.
5. a) How to implement multiple inheritance in Java? Give example. (5 + 5)
b) Explain the use of super and super() with a programming example.
6. a) Define package. What are the advantages of java package? (4 + 6)
b) Write the code snippet for reading input from console.
7. a) Define thread. Draw a diagram to depict the life cycle of a thread. (6+4)
b) Explain the methods of a thread class.
8. a) Write the use of JDBC Drivers and the code segment to connect with the back end database and display the records from the table.
9. a) What is socket programming? (2+8)
b) What is RMI? Explain the architecture of RMI.
