

3rd Sem./CSE/IT/ 2021(W)
Th4 OBJECT ORIENTED METHODOLOGY

Full Marks: 80

Time- 3 Hrs

Answer any five Questions including Q No.1& 2
Figures in the right hand margin indicates marks

1. Answer **All** questions 2 x 10
 - a. What is byte code?
 - b. What are the different types of variables in java?
 - c. Explain the usage of try and catch clause.
 - d. How will you find out the length of a string in java?
 - e. Define a package?
 - f. How Java supports platform independency?
 - g. Define Widening Type Casting
 - h. Write the difference between method and constructor.
 - i. Define stream.
 - j. Difference between Buffered Reader and Scanner class in Java
2. Answer Any Six Questions 5X6
 - a. Discuss about JVM. JRE, JDK.
 - b. What are literals in Java? Mention their different types.
 - c. Define stream. Discuss about Input Stream and Output Stream in Java.
 - d. Distinguish between String and string buffer.
 - e. Differentiate between Method Overloading and Method Overriding in Java.
 - f. Discuss about Exception handling mechanism?
 - g. Explain how to use a particular package in a Java program. Give example.
3. Define inheritance. Describe different forms of inheritance. Does Java support multiple inheritances? 10
4. List out the looping statements available in Java. Explain with example. 10
5. Briefly explain the OOPS Concepts.. 10
6. What do you mean by Constructor? Discuss different types of constructor with example. 10
7. Explain about Class, Objects and Methods in Java with an example program 10