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Question Paper - Report

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MANIPAL ACADEMY OF HIGHER EDUCATION

Cloud Application with Java and Database [CDC 5101]

Marks: 50**Duration: 100 mins.**

I Sessional

Answer all the questions.**Answer all questions.**

- 1) Answer the following TLO 1.2
 - a) List the features of Java and briefly explain any four of them (1 + 4)
 - b) Illustrate the difference between OOP versus Procedural programming practice. (5)(10)
- 2) Illustrate with appropriate example, how would you implement the method overriding using Inheritance and Interface. TLO 2.1 (10)
- 3) Briefly describe the following (with reference to Java): (2.4 X 4) TLO 1.2
 - a) Local versus global/class level scope of variable
 - b) Constructor overloading
 - c) Difference between Static and non-static members
 - d) Defining a property as Read Only(10)
- 4) Answer following TLO 2.1
 - a) Explain abstract class with an example. Whether abstract class can be declared final? Justify the answer (5 + 1)
 - b) Illustrate the difference between final and finalize() (4)(10)
- 5) Answer the following TLO 2.1
 - a) Explain the Significance of Generics with appropriate example (6)
 - b) Illustrate the significance of packages in Java with example (4)(10)