National Institute of Technology Calicut
Department of Computer Science and Engineering
CS3095D DBMS Lab

Time: 60 minutes   **Test II**   **Marks: 08**

JDBC Connectivity

Submission IV, Set B

Answer all questions

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1.   What is a JDBC Driver and which driver is the fastest one?   **[2 marks]**

2.   What are JDBC's standard isolation levels?   **[2 marks]**

3.   Build a web application for the lab in-charge to keep track of the inventory of each lab in the institute. The lab in-charge should be able to store the inventory details with the attributes Equipment Type (Computer, Printer, AC, etc), Equipment ID, Installation Date, Warranty(6 months from Installation Date), Lab Number, Status(Working or Not Working). The Lab in-charge should be able to modify the Equipment status and search the inventory details using Equipment type, Lab Number, and Status through the application   **[4 marks]**

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Instructions:
1) *Submission: Upload answers for questions 1 and 2 as a single pdf file.*
2) *Coding: Evaluation for Question 3 will be conducted where students are required to show results for the test cases provided by the examiner. (4 test cases,1 mark each).*