CSE3013 Artificial Intelligence

Fall Semester 2021-22
Theory Component: Digital Assignment 1
Slot:C2+TC2

Instructions

- Before starting to attempt, read carefully the document on rubrics and evaluation parameters provided in the VTOP

- Submission must be uploaded in Moodle as well as in VTOP

- Any other mode of submission would not be accepted

- Write your credentials (Name, Reg. No. etc.) legibly on top of the document

- Write briefly, proportional to the marks. Don't write long stories

- Max. Marks = 20

- Due Date: 19 November 2021

Questions

1. Explain the concept of unification in FOL with the help of an example [5]

2. Demonstrate the conversion of an FOL formula to CNF with the help of an example. [5]

3. Explain resolution in FOL with an appropriate example. [5]

4. Write short notes on reinforcement learning. [5]

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