

Second CT on Artificial Intelligence (22/1/2022)

Time: 25 Minutes

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- Q1.** Compare simulated annealing and evolutionary algorithm with respect their merits, demerits, and applicability. 06
- Q2.** Should the variables be words or letters in a constraint satisfaction problem? Which formulation do you think will be better? Why? 04
- Q3.** Give precise formulations for the following as a constraint satisfaction problem: given a network of cities connected by roads, choose an order to visit all cities in a country without repeating any. 05