**Spørsmål/ emner til eksamen i AI-methods:**

**Spørsmål om sannsynlighet, regneeksempler**

**Hvilke typer AI finnes det?**

**Hva er fitting, overfitting, underfitting**

**Hva er learning rate**

**Hva er classification/ regression**

**Hva er formålet med reward i Q-learning**

**Hva brukes discount faktor til**

**Hva er Gain**

**Hva er "The transition rule" i Q-learning**

**ACO**

**Dynamic programming**

**backpropagation**

**Gradient**

**Greedy approach**

**steps of Text Preprocessing**

**hvorfor Text Preprocessing**

**NLP**

**Conditional probability**

**Difference between fuzzy logic and classic boolean logic**

**defuzzication**

**Reinforcement learning (agent,environment, state, policy,reward)**

**Q-learning**

**Markov Decision Process**

**KNN**

**collaborative filtering**

**Pearson correlation**

**correlation matrix**

**Levenshtein distance**

**Wagner–Fischer algorithm**

**Term frequencyInverse Document frequency (TF-IDF)**