**DSCI 558: Building Knowledge Graphs**

**Quiz 3 – Information Extraction**

Filling the blank (1 point per blank) using the following words (each is used once, one extra word): **high, high, high, low, low, low, no, recall, precision, relations, entities**

1. Using verb phrases to identify Correct **relations** and noun phrases to identify Correct **entities** from text documents is a Correct **high** recall,  Correct **low** precision method.
2. Defining a set of seed patterns for bootstrapping to detect entities and relations requires a Correct **low** (amount of) human effort
3. Rule-based extractors are a Correct **low** recall, Correct **high** precision method
4. Removing incorrect extracted patterns can increase the system’s Correct **precision**
5. Semi-supervised extractors usually have higher Correct **recall** compared to supervised extractors.
6. Supervision in defining domain requires a Correct **high** (level of) expertise.