Student ID   :
Name-Surname :

Natural Language Processing final exam (2017-2018 Fall)
(Please use free space for draft and fit your answer to boxes.)

1. Fill in the blanks with the most appropriate terms. Each question is five points (5P).

a. Two of lexical similarity functions are_____

b. Vector space model can be used to measure_____

between two documents.

c. Semantic similarities are evaluated in three levels:_____

_____

d. WordNet-based similarity measures relation between two nodes by using_____

_____

e. One difference between Dialogue and Question Answering systems is_____

_____

f. TREC is a competition for _____systems

_____

g. Two difficulties of machine translation is _____

_____

h. The best approach for machine translation is_____ nowadays

_____

i. Keyword extraction approaches are_____

_____

k. The simplest method for summarization to use_____

_____

m. Corpus-based paraphrasing methods are divided into _____. These are _____

_____.

n. Because _____ cross lingual ontology mapping method is not

standardized, it cannot be high-success applicable.

2. (10P) What is balanced corpus?

3. (30P) We are trying to prepare a tool for automatically evaluate "2017 NLP Final exam" (this) papers. Giving your comments, explain your solution (How can we do? What do we need?)