

# Week 1 Quiz

LATEST SUBMISSION GRADE

60%

1. True or false? A paradigmatic relation is a relation between two words that tend to *co-occur* with each other, while a syntagmatic relation is between two words that tend to occur in a *similar* context. 0 / 1 point

 **Incorrect**

2. In a collection of English news articles, which word do you expect to have a higher IDF? 1 / 1 point

 **Correct**

3. Suppose the pseudo-document representations for the contexts of the terms A and B in the vector space model are given as follows: 1 / 1 point

$d_A = (0.10, 0.50, 0.00, 0.40, 0.00, 0.00)$

$d_B = (0.20, 0.40, 0.30, 0.00, 0.10, 0.00)$

What is the EOWC similarity score?

 **Correct**

4. True or false? Syntactic analysis (parsing) is an easier task than lexical analysis (part-of-speech tagging). 0 / 1 point

 **Incorrect**

5. "A man saw a boy with a telescope." What kind of ambiguity does the sentence have?

1 / 1 point

 **Correct**

6. In an online text mining application where response time is the key factor to consider, what kind of NLP features can be used? Check all that apply.

1 / 1 point

 **Correct**

7. True or false? Deeper NLP requires more human effort and usually is less accurate.

1 / 1 point

 **Correct**

8. True or false? Word-based representation is not powerful.

0 / 1 point

 **Incorrect**

9. Which of the following is correct about paradigmatic and syntagmatic words relations?

1 / 1 point

 **Correct**

10. Why does EOWC not work well?

0 / 1 point

 **Incorrect**