## Module 4 Quiz

Quiz, 5 questions

1 point

1.

Which of the following is not included in WordNet:

- Sense of a word
- Derivationally related forms
- Pronunciation
- Synonyms

1 point

2.

If the shortest distance between words A and B in the WordNet hierarchy is 6, the path-based similarity measure PathSim(A,B) would be:

- 1/6 = 0.167
- 1 1/5 = 5/6 = 0.833
- 1/(6+1) = 1/7 = 0.143

1 point

3.

When computing the similarity between words C and D, the distributional similarity based metric gives a higher score than a path-based similarity measure. What can be inferred from this observation?



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Distributional Similarity-based measure is a better metric to compute similarity between C and D (because higher numbers are better)

Quiz, 5 questions

Path-based similarity measure is a better metric to compute similarity between C and D (because lower numbers are better)
This cannot happen distributional similarity is always lower than path-based similarity.
Nothing can be inferred. The similarity values from different measures cannot be directly compared.

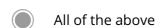
1 point

4.

Which of the following approaches can be used to recognize monetary values (like USD 100, JPY 1000, etc.)

Building regular expressions
Looking up entries in a list

Checking if something is capitalized or title cased



1 point

5.

Which of the following is not given as input for a topic modeling setup?

Number of topics
The document corpus
The topics

The topic modeling approach (LDA, PLSA, ...)



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