**Quiz 6**

**DSCI 558 BUILDING KNOWLEDGE GRAPH**

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

## Group 1 (choose 6 out of 8 randomly) (6pts)

Question 1 (1pt)

Which knowledge graph contains commonsense knowledge?

* DBpedia
* ConceptNet
* YAGO
* OpenIE (ReVerb)

Question 2 (1pt)

Which of the following knowledge graphs use data from Wikipedia:

* ConceptNet
* YAGO
* NELL
* OpenIE (ReVerb)

Question 3 (1pt)

Which of the following elements are unique for Wikidata:

* Subjects
* Properties
* References
* Values

Question 4 (1pt)

Which of the following statement is true for Wikidata?

* Wikidata ontology is defined by an RDF Schema file.
* Wikidata ontology is defined by an OWL file.
* Wikidata ontology is self-defined using its own items and properties.
* Wikidata ontology is derived from DBpedia.

Question 5 (1pt)

Fill in the blanks: In Wikidata, qualifiers are the \_\_\_\_\_\_\_\_part of the triples

* Subject and Property
* Subject and Value/Object
* Value/Object
* Property and Value/Object

Question 6 (1pt)

Fill in the blanks: In Wikidata, references are the \_\_\_\_\_\_\_\_part of the triples

* Subject and Property
* Subject and Value/Object
* Value/Object
* Property and Value/Object

Question 7 (1pt)

Fill in the blanks: Wikidata uses \_\_\_\_\_\_ to provide additional context information about a triple subject/property/value

* Triples with the same subject
* Triples with the same property
* Qualifiers
* References

Question 8 (1pt)

Fill in the blanks: In Wikidata, items that are used as \_\_\_\_\_ in “instance of” properties are considered as “class” items

* Subjects
* Values
* References
* Qualifiers

## Group 2 (choose 4 out of 6 randomly) (4 pts)

True or False (1 pt each)

Wikidata is built automatically using Wikipedia infoboxes F

Wikidata is built automatically by combining Wikipedia and DBpedia F

Wikidata uses “rdfs:domain” to define properties’ domains F

Wikidata statements always contain qualifiers F

“Instance of” property in Wikidata is similar to “rdf:type” T

In Wikidata, items that are used as subjects in “subclass of” properties are considered as “class” items T