Home / My courses / WIiT / Sztuczna Inteligencja/Artificial Intelligence / Stacjonarne / I stopień / Semestr 7 [WIiT-SI-st-I] / Semantic web and social networks / Semantic networks. RDF framework for describing resources. / Test - RDF

Started on	Monday, 16 October 2023, 8:56 AM
State	Finished
Completed on	Monday, 16 October 2023, 9:04 AM
Time taken	7 mins 29 secs
Grade	**13.75** out of 15.00 (**91.67**%)

Question **1**

Correct

Mark 3.75 out of 3.75

In the RDF model ('triples') the literal can occur:

○ both as a subject and as an object in the triple

○ as a subject, as an object and as a property (predicate) in the triple

◉ only as an object in the triple ✔

○ only as a property (predicate) in the triple

Your answer is correct.

The correct answer is:
only as an object in the triple

Question **2**

Correct

Mark 3.75 out of 3.75

In the RDF model, resources are identified by:

- ⦿ web identifiers ✔
- ○ MAC addresses
- ○ IP addresses

Your answer is correct.

The correct answer is:
web identifiers

Question **3**

Partially correct

Mark 2.50 out of 3.75

Select all the advantages of representing resources in an RDF graph by alphanumeric identifiers and representing their names by a label (e.g., using common predefined properties such as rdfs:label).

☑ facilitates multilingualism ✔

☑ flexibility (when the semantic meaning of an entity changes, simply change the label) ✔

☑ no naming convention problems with long, detailed names (we can include phrases in the label) ✔

☑ more tools support this format without problems ✖

Your answer is partially correct.

You have selected too many options.
The correct answers are:

facilitates multilingualism

,

no naming convention problems with long, detailed names (we can include phrases in the label)

,

flexibility (when the semantic meaning of an entity changes, simply change the label)

Question **4**

Correct

Mark 3.75 out of 3.75

Select the incorrect answer describing representing data in a tabular format as an RDF graph.

○ each column represents a relationship or attribute

○ each row represents a separate entity and will have its own URI

⦿ attributes are represented by associating a resource with a resource ✔

Your answer is correct.

The correct answer is:

attributes are represented by associating a resource with a resource