

<b>Started on</b>	Saturday, 25 November 2023, 4:42 PM
<b>State</b>	Finished
<b>Completed on</b>	Saturday, 25 November 2023, 11:55 PM
<b>Time taken</b>	7 hours 12 mins
<b>Marks</b>	8.00/8.00
<b>Grade</b>	<b>10.00</b> out of 10.00 ( <b>100%</b> )

**Question 1**

Correct

Mark 8.00 out of 8.00

1 Controlled vocabularies or ontologies

- ☒ Provide a way to organize knowledge✔
- ☐ Allow for unambiguous identification of molecules
- ☐ Are annotations that describe your experimental data; e.g., patient/environmental details, cell lines, instrumentation, etc.
- ☐ Blank answer

Mark 1.00 out of 1.00

The correct answer is: Provide a way to organize knowledge

2 What is the name of a set of minimum data that is needed to be stored in a study in order to follow the quality standards?

- ☐ Controlled vocabulary
- ☒ Information guideline✔
- ☐ Schema
- ☐ Blank answer

Mark 1.00 out of 1.00

The correct answer is: Information guideline

3 Which is the Gene Ontology (GO) term for “microtubule binding”? (please use the syntax GO:#####)

GO:0008017



4 Which of the following are GO terms in the “microtubule binding” hierarchy?

- ☒ GO:0003674, molecular function✔
- ☐ GO:0051959, dynein light intermediate chain binding
- ☐ GO:0009987, cellular process
- ☐ Blank answer

Mark 1.00 out of 1.00

The correct answer is: GO:0003674, molecular function

5 Which of the following is FALSE regarding the use of identifiers and mapping tables?

- ☐ Identifiers allow for unambiguous identifications of molecules or conceptual entities
- ☒ Different identifiers most of the times have a 1:1 relationship✔
- ☐ Identifiers might disappear or get updated
- ☐ Blank answer

Mark 1.00 out of 1.00

The correct answer is: Different identifiers most of the times have a 1:1 relationship

6 Translate the "GeneID" identifiers ("Genome Annotation Databases" category) from the file [human\\_GeneIDs.txt](#) to UniProtKB accessions using the [UniProt ID mapping tool](#). How many GeneID identifiers were successfully mapped? ✔ How many UniProtKB identifiers were retrieved? ✔

7 Which of the following is NOT a good practice?

- ☐ Use open-source software
- ☐ Use ontology terms to annotate metadata
- ☒ Define new data formats that fit your specific needs✔
- ☐ Blank answer

Mark 1.00 out of 1.00

The correct answer is: Define new data formats that fit your specific needs

