1.

Question 1

Web scraping is used to extract what type of data?

1 / 1 point

Images, videos, and data from NoSQL databases
Data from news sites and NoSQL databases
Text, videos, and images
Text, videos, and data from relational databases

ANSWER: (C) Text, videos, and images

Correct
Web scraping is used for extracting text, videos, and images from the web.

2.

Question 2

_____ focuses on cleaning the database of unused data and reducing redundancy and inconsistency.

1 / 1 point

Data Profiling
Normalization
Data Visualization
Denormalization

ANSWER: (B) Normalization

Correct
Normalization cleanses the database of unused data and inconsistencies in data that is coming from multiple sources.

3.

Question 3

OpenRefine is an open-source tool that allows you to:

1 / 1 point

Enforces applicable data governance policies automatically
Transform data into a variety of formats such as TSV, CSV, XLS, XML, and JSON
Use add-ins such as Microsoft Power Query to identify issues and clean data
Automatically detect schemas, data types, and anomalies

ANSWER: (B) Transform data into a variety of formats such as TSV, CSV, XLS, XML, and JSON

Correct
Using OpenRefine, you can transform data into a wide variety of formats such as TSV, CSV, XLS, XML, and JSON.

4.

Question 4

When you're combining rows of data from multiple source tables into a single table, what kind of data transformation are you performing?

1 / 1 point

Unions
Denormalization
Normalization
Joins

ANSWER: (A)Unions
Correct
Unions are a common structural transformation used for combining rows of data from multiple source tables.

5.
Question 5
When you detect a value in your data set that is vastly different from other observations in the same data set, what would you report that as?
1 / 1 point
Missing value
Outlier
Syntax error
Irrelevant data

ANSWER: (B) Outlier

Correct
Outliers are values in your data set that may be vastly different from other values in the same data field.