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SAMPLE QUESTIONS

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SAMPLE QUESTIONS

1) Janet is a data analyst working with spatial data. Her employer purchased a pipeline dataset. She is asked to load this data into an existing GIS project. Which data type in the new dataset is essential to ensuring spatial consistency between the layers?

- A) Project boundaries
- B) Coordinate system
- C) Wellhead locations
- D) Geodetic datum

2) A data analyst runs a query on a project to assess the quality of marker picks. She finds a few wells with markers that are either above or below the well depth. What is the first step that she should take to resolve this data quality issue?

- A) Flag each marker pick for update to a new pick depth.
- B) Check the total depth of the wells.
- C) Change the marker pick to a new depth above the total depth.
- D) Contact the source of the marker picks.

3) In a joint operating agreement, which of the following describes an operator?

- A) It has the largest percentage share.
- B) It performed the original exploration.
- C) It is in charge of the day-to-day operations.
- D) It owns the lease or license.

4) Which of the following is an accurate sequence of dates for a well?

- A) Permit date, spud date, rig release date, and completion date
- B) Spud date, permit date, rig release date, and completion date
- C) Spud date, permit date, completion date, and rig release date
- D) Spud date, rig release date, completion date, and permit date

5) What is the main reason for introducing master data management in an organization?

- A) To reduce the cost and complexity of data management.
- B) To provide standards for quality of data to departments.
- C) To restrict access to data to minimize the number of updates.
- D) To increase data usage and duplication.

Use the following information to answer the next 2 questions:

A data analyst works for ABC Energy, a large E&P organization. It is in the process of acquiring XYZ Oil, a small E&P organization. The purchase includes all assets and data. XYZ Oil's data resides in printed reports, on physical media, in unstructured and semi-structured documents and in data files. The data analyst's task is to plan and coordinate the process of loading the data into a staging database.

6) Where would the data analyst find accurate surface and subsurface location information for XYZ Oil's wells?

- A) License application and lease plan
- B) Well report and directional survey
- C) Drill stem test and top picks
- D) Drilling tour sheets and core analysis

7) The data analyst requires software to load the data into the staging database. At a minimum, what data elements should be cross-checked by the software?

- A) Depths and dates
- B) Elevations and well names
- C) Navigation and trace data
- D) Fields and pools

ANSWER KEY

1) B

2) B

3) C

4) A

5) B

6) B

7) A