SAMPLE QUESTIONS
CERTIFIED PETROLEUM DATA ANALYST (CPDA)™

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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