1.

Question 1
A modern data ecosystem includes a network of continually evolving entities. It includes:

Social media sources, data repositories, and APIs
Data providers, databases, and programming languages
Data sources, enterprise data repository, business stakeholders, and tools, applications, and infrastructure to manage data
Data sources, databases, and programming languages

ANSWER:(C) Data sources, enterprise data repository, business stakeholders, and tools, applications, and infrastructure to manage data

2.

Question 2
Data Engineers work within the data ecosystem to:

Analyze data for actionable insights
Provide business intelligence solutions by monitoring data on different business functions
Develop and maintain data architectures
Analyze data for deriving insights

ANSWER: (C) Develop and maintain data architectures

3.

Question 3
The goal of data engineering is to make quality data available for fact-finding and decision-making. Which one of these statements captures the process of data engineering?

Processing data and making it available to users securely
Collecting, processing, and storing data
Collecting, processing, and making data available to users securely
Collecting, processing, storing, and making data available to users securely

ANSWER: (D) Collecting, processing, storing, and making data available to users securely

4.

Question 4
Data extracted from disparate sources can be stored in:

Data Warehouses only
Databases, data warehouses, data lakes, or any other type of data repository
Databases only
Data Lakes only

ANSWER: (B) Databases, data warehouses, data lakes, or any other type of data repository

5.

Question 5
From the provided list, select the three emerging technologies that are shaping today's data ecosystem.

Cloud Computing, Internet of Things, and Dashboarding
Big Data, Internet of Things, and Dashboarding
Machine Language, Cloud Computing, and Internet of Things
Cloud Computing, Machine Learning, and Big Data

ANSWER: (D) Cloud Computing, Machine Learning, and Big Data