

B.Sc.(IT) Semester - 6 (CBCS) Examination**March/April-2026 (NEW COURSE)****Data Warehousing with SQL Server 2012 (Core (New))****Time: 2:30 Hours****Marks: 70****Instructions:**

1. All questions are compulsory.
 2. Figures to the right indicate marks.
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Que. 1 (A) Attempt Following (03)

- 1) OLTP stands for.
- 2) What is unstructured data?
- 3) SOA stands for.

Que. 1 (B) Attempt any Two (06)

- 1) Explain data mart.
- 2) What is Normalization data store?
- 3) Explain future trends of data warehouse.
- 4) Different between OLAP Vs OLTP.

Que. 1 (C) Attempt Any One (05)

- 1) What is Data Mining?
- 2) What is data warehouse? Explain with its characteristics.

Que. 2 (A) Attempt Following (03)

- 1) What is star schema?
- 2) What is snowflake schema?
- 3) List out type of Relationship.

Que. 2 (B) Attempt any Two (06)

- 1) What Is Data Compression?
- 2) What Is Data Sources?
- 3) Explain Logical Design for Data Warehouse
- 4) Explain Fact Table with its type.

Que. 2 (C) Attempt Any One (05)

- 1) Explain Physical Design for Data Warehouse.
- 2) Explain Dimension Table with its type.

Que. 3 (A) Attempt Following (03)

- 1) SSIS stands for.
- 2) ETL stands for.
- 3) SSDT stands for.

- Que. 3 (B) Attempt any one (06)
- 1) Explain Data flow Task in detail.
 - 2) What is Control flow?
 - 3) Write note on ETL.
 - 4) Write a script to insert record into table using for loop container control.
- Que. 3 (C) Attempt Any One (05)
- 1) Explain foreach container control with its properties.
 - 2) Write a step to Creating Dynamic Packages.
- Que. 4 (A) Attempt Following (03)
- 1) DQS stands for.
 - 2) What Is Data Profiling?
 - 3) What is Flat file?
- Que. 4 (B) Attempt any Two (06)
- 1) Explain data quality in detail.
 - 2) What Is Clustering in Knowledge Base management?
 - 3) Explain Data Quality Service To Cleanse Data.
 - 4) Explain Data Quality Service To Match Data.
- Que. 4 (C) Attempt Any One (05)
- 1) Different between Script Task V/s Script Component
 - 2) Explain Data Quality process with diagram.
- Que. 5 (A) Attempt Following (03)
- 1) Full Form of SSAS.
 - 2) Full Form of BI.
 - 3) Extension of Report.
- Que. 5 (B) Attempt Any Two (06)
- 1) Explain Data mining in detail.
 - 2) What is Data Analysis?
 - 3) Explain Data cube with example.
 - 4) Write note on Business intelligent.
- Que. 5 (C) Attempt Any One (05)
- 1) Write a sort note on Package Deployment?
 - 2) Write a step to create report.
