



Seat No. \_\_\_\_\_

**HA-003-1046002**

**B. Sc. IT (Sem. VI) Examination**

**April – 2023**

**CS-32 Data Warehousing with SQL Server 2012**

*(Old Course)*

**Faculty Code : 003**

**Subject Code : 1046002**

Time :  $2\frac{1}{2}$  Hours / Total Marks : 70

- 1 (A) Attempt the following : 4
- (1) What is data Warehouse ?
  - (2) Give the full form of ETL.
  - (3) Give the full form of DWH.
  - (4) Give the full form of SOA.
- (B) Attempt the following (Any One) : 2
- (1) What is OLTP ?
  - (2) Explain Data Warehouse types.
- (C) Attempt the following (Any One) : 3
- (1) Types of data warehouse.
  - (2) Difference between OLAP & OLTP.
- (D) Attempt the following (Any One) : 5
- (1) What are the applications of data warehousing.
  - (2) Data warehousing today and future trends.
- 2 (A) Attempt the following : 4
- (1) Give full form of UID.
  - (2) Fact table does not contain hierarchy (T/F)
  - (3) Give the full form of SCD.
  - (4) % and ratio columns are example of \_\_\_\_\_.

- (B) Attempt the following (Any One) : 2
- (1) Give the steps for logical design data warehouse.
  - (2) Explain types of dimensions.
- (C) Attempt the following (Any One) : 3
- (1) Explain fact tables.
  - (2) Types of data model.
- (D) Attempt the following (Any One) : 5
- (1) Give the difference between logical design and physical design.
  - (2) Write a note on physical design in data warehouse.
- 3** (A) Attempt the following : 4
- (1) What is the extension of package ?
  - (2) Give the full form of SSDT \_\_\_\_\_
  - (3) \_\_\_\_\_ task is used to move the data from source to destination.
  - (4) \_\_\_\_\_ container runs control flow by testing a condition.
- (B) Attempt the following (Any One) : 2
- (1) Explain SSIS data types.
  - (2) Explain data flow destination adapters.
- (C) Attempt the following (Any One) : 3
- (1) Explain ETL tool function.
  - (2) Write a note on exploring data sources.
- (D) Attempt the following (Any One) : 5
- (1) Write a note on SSIS tasks.
  - (2) Explain control flow.
- 4** (A) Attempt the following : 4
- (1) Give the full form of DQS.
  - (2) Data profiling means ?
  - (3) Which type of cleansing process involves user ?
  - (4) List out the measurements of data quality.

- (B) Attempt the following (Any One) : 2
- (1) Draw a diagram for data matching in DQS.
  - (2) What is a cleanse data.
- (C) Attempt the following (Any One) : 3
- (1) Explain DQS.
  - (2) Explain interactive process.
- (D) Attempt the following (Any One) : 5
- (1) Explain computer assisted process.
  - (2) Write a note on DQS to match data.
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- 5 (A) Attempt the following : 4
- (1) Give the full form of BIML.
  - (2) Integration Services support \_\_\_\_\_ types of deployment models.
  - (3) Give the full form of OLAP.
  - (4) Give the full form of KPI.
- (B) Attempt the following (Any One) : 2
- (1) What is the use of aggregate is SSIS ?
  - (2) What is a project deployment model ?
- (C) Attempt the following (Any One) : 3
- (1) Explain SSDT.
  - (2) Give the step of creates a report.
- (D) Attempt the following (Any One) : 5
- (1) Write a note on data analysis.
  - (2) Explain deployment process.