

B.C.A Semester - 6 (CBCS) Examination**July-2025 (OLD COURSE)****CS-32 DATA WAREHOUSING WITH SQL SERVER 2012(CORE)****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) **Give Answers of following Questions.** (04)
1. What is CRM?
 2. What is NDS?
 3. What is ODS?
 4. What is OLTP?
- Que-1(B) **Attempt the following (Any ONE)** (02)
1. Explain Data Mining.
 2. Explain OLAP.
- Que-1(C) **Attempt the following. (Any ONE)** (03)
1. Explain Data flow architecture.
 2. Explain normalization data store.
- Que-1(D) **Attempt the following (Any ONE)** (05)
1. Explain advantages of data warehouse.
 2. Explain system architecture in data warehouse.
- Que-2(A) **Give Answers of following Questions.** (04)
1. What is Integrity Constraints?
 2. What is role playing dimension?
 3. What is tablespaces?
 4. Where fact table is located in database?
- Que-2(B) **Attempt the following (Any ONE)** (02)
1. What is dimensions?
 2. What is snowflake structure?
- Que-2(C) **Attempt the following (Any ONE)** (03)
1. Explain Data Compression.
 2. Explain views in detail.
- Que-2(D) **Attempt the following (Any ONE)** (05)
1. Explain Fact tables and its types.
 2. What is dimension table? Explain its type.
- Que-3(A) **Give Answers of following Questions.** (04)
1. What is SSIS task?
 2. Write syntax of for each loop container.
 3. What is SQL Server Data Tools?
 4. What is Sequence Container?
- Que-3(B) **Attempt the following (Any ONE)** (02)
1. What is data flow in SSIS?
 2. What is control flow in SSIS?
- Que-3(C) **Attempt the following (Any ONE)** (03)
1. Explain common sources and destination for the data flow.
 2. Write basic steps for creating package.

- Que-3(D) **Attempt the following (Any ONE)** (05)
1. Write a note on ETL process.
 2. What is Transformations? Explain it.
- Que-4(A) **Give Answers of following Questions.** (04)
1. What is data quality process?
 2. What is DQKB?
 3. What is DQM?
 4. What is match data?
- Que-4(B) **Attempt the following (Any ONE)** (02)
1. What is script task?
 2. What is component tasks?
- Que-4(C) **Attempt the following (Any ONE)** (03)
1. Explain Data Quality Service to match data.
 2. Explain features of DQS.
- Que-4(D) **Attempt the following (Any ONE)** (05)
1. Explain custom components in SSIS.
 2. Explain Data Quality Service to cleanse data.
- Que-5(A) **Give Answers of following Questions.** (04)
1. What is SSIS?
 2. What is BI?
 3. What is SSRS?
 4. What is SSAS?
- Que-5(B) **Attempt the following (Any ONE)** (02)
1. What is Deploying of SSIS Projects?
 2. What is Data analysis in SQL server?
- Que-5(C) **Attempt the following (Any ONE)** (03)
1. Write steps to planning package in SSIS.
 2. Explain Overview of SSIS Development.
- Que-5(D) **Attempt the following (Any ONE)** (05)
1. What is Business Intelligence? Explain it.
 2. Explain Basic Reports in SQL Reporting Services.
