

B.Sc.(IT) Semester - 6 (CBCS) Examination**March/April-2023 (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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- Q.1(A) Answer the following questions. (04)
1. Full form of DW.
 2. What is third party data?
 3. What is Operational data?
 4. Full form of OLTP.
- Q.1(B) Answer the following questions. (ANY ONE) (02)
1. Explain: Data Warehouse types.
 2. Explain: Data Availability.
- Q.1(C) Answer the following questions. (ANY ONE) (03)
1. Explain: Dimensional Data Store.
 2. Explain: Need of data warehousing today.
- Q.1(D) Answer the following questions. (ANY ONE) (05)
1. Explain In Detail: Data Warehouse Architecture.
 2. What is Data Flow Architecture? Explain in Detail.
- Q.2(A) Answer the following questions. (04)
1. Full Form: MOLAP.
 2. What is indexing?
 3. What Is Dimension Table?
 4. What is fact table?
- Q.2(B) Answer the following questions. (ANY ONE) (02)
1. What Is Data Compression?
 2. Explain Batch Processing.
- Q.2(C) Answer the following questions. (ANY ONE) (03)
1. Explain Data Warehousing Schemas.
 2. Explain components of Data Warehouse.
- Q.2(D) Answer the following questions. (ANY ONE) (05)
1. Explain Physical Design for Data Warehousing
 2. Write Short Note on: Snowflake schema.
- Q.3(A) Answer the following questions. (04)
1. Definition: Dynamic Package.
 2. Full form: SSDT.
 3. Full form: SSIS.
 4. What Is Parameters?
- Q.3(B) Answer the following questions. (ANY ONE) (02)
1. Explain: ETL tool by Microsoft.
 2. Explain: Control Flow.
- Q.3(C) Answer the following questions. (ANY ONE) (03)
1. What Is Connection managers?
 2. Explain ETL Pattern library.

- Q.3(D) Answer the following questions (ANY ONE) (05)
1. Explain Data source in Data warehouse.
 2. Write note on: Dynamic Packages.
- Q.4(A) Answer the following questions. (04)
1. Full Form: DQS.
 2. What Is Rule based Logic?
 3. What is data quality?
 4. List out names of three types of matching logic.
- Q.4(B) Answer the following questions. (ANY ONE) (02)
1. Explain: DQS Data Flow.
 2. What Is Fuzzy Lookup?
- Q.4(C) Answer the following questions. (ANY ONE) (03)
1. Explain: Data Cleansing.
 2. Explain Data Quality Process.
- Q.4(D) Answer the following questions. (ANY ONE) (05)
1. How to add the Script Task to your SSIS Packages.
 2. Write down steps for data flow in SSIS Package.
- Q.5(A) Answer the following questions. (04)
1. BIDA means _____.
 2. What is analytic applications?
 3. What is reporting applications?
 4. SSRS Stands for _____.
- Q.5(B) Answer the following questions. (ANY ONE) (02)
1. What is Data Analysis?
 2. What is Data Mining applications?
- Q.5(C) Answer the following questions. (ANY ONE) (03)
1. Explain Deployment.
 2. Explain Planning SSIS Package Execution.
- Q.5(D) Answer the following questions. (ANY ONE) (05)
1. Explain Report Wizard.
 2. Explain steps of deploying SSIS project.
