

B.Sc.(IT) Semester - 6 (CBCS) Examination**March/April -2020****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 [4]**
1. Full form: OLTP
 2. What is third party data?
 3. DW Stands for _____.
 4. Full Form: DDS.
- (b) Answer the following questions (ANY ONE) [2]**
1. Explain : Data Warehouse types
 2. Explain: Data Availability.
- (c) Answer the following questions (ANY ONE) [3]**
1. Explain: Dimensional Data Store.
 2. Explain: Advantages of Data Warehouse.
- (d) Answer the following questions (ANY ONE) [5]**
1. Explain In Detail: Data Warehouse Architecture.
 2. What is Data Flow Architecture? Explain In Detail.
- Q-2 (a) Answer the following questions [4]**
1. Full Form: MOLAP.
 2. Full form: LOB.
 3. What Is Dimension Table?
 4. What is fact table?
- (b) Answer the following questions (ANY ONE) [2]**
1. Explain components of Data Warehouse?
 2. What Is Data Compression?
- (c) Answer the following questions (ANY ONE) [3]**
1. Explain Data Warehousing Schemas.
 2. Write Short Note on: Snowflake schema.
- (d) Answer the following questions (ANY ONE) [5]**
1. Explain Batch Processing
 2. Explain Physical Design For Data Warehousing
- Q-3 (a) Answer the following questions [4]**
1. Definition: Dynamic Package.
 2. Full form: SSDT.
 3. Full form: SSIS.
 4. What Is Connection managers?
- (b) Answer the following questions (ANY ONE) [2]**
1. Explain: ETL tool by Microsoft.
 2. Explain: Transformation of data.

- (c) **Answer the following questions (ANY ONE)** [3]
 1. What Is Parameters? Explaining Defining parameters.
 2. Explain ETL Pattern library.
- (d) **Answer the following questions (ANY ONE)** [5]
 1. What is Data Source in Data Warehouse?
 2. Write down steps to create Dynamic Packages in SQL Server.
- Q-4** (a) **Answer the following questions** [4]
 1. Full Form: DQS.
 2. What Is Fuzzy Lookup?
 3. What is data quality?
 4. List out names of three types of matching logic.
- (b) **Answer the following questions (ANY ONE)** [2]
 1. Explain: DQS Data Flow.
 2. What Is Rule based Logic?
- (c) **Answer the following questions (ANY ONE)** [3]
 1. Explain : Data Cleansing
 2. Write down steps for data flow in SSIS Package.
- (d) **Answer the following questions (ANY ONE)** [5]
 1. How to add the Script Task to your SSIS Packages.
 2. Explain Data Quality Process.
- Q-5** (a) **Answer the following questions** [4]
 1. BIDA means _____.
 2. Full Form: SSRS.
 3. List different types of SSRS reports.
 4. What is reporting applications?
- (b) **Answer the following questions (ANY ONE)** [2]
 1. What is Data Analysis?
 2. What is Data Mining applications
- (c) **Answer the following questions (ANY ONE)** [3]
 1. Explain Report Wizard.
 2. Explain Deployment.
- (d) **Answer the following questions (ANY ONE)** [5]
 1. Write Note On: Business Intelligence.
 2. Explain steps of deploying SSIS project.
