

B.Sc.(IT) Semester - 6 (CBCS) Examination**March/April-2023 (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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- Q.1(A) Answer the following questions. (03)
1. Full form: BI
 2. Full form of CRM.
 3. Full Form: SOA.
- Q.1(B) Answer the following questions. (ANY TWO) (06)
1. Explain: Characteristics of Data Warehouse.
 2. Explain: Data Mining.
 3. Explain: Search.
 4. Explain: Unstructured Data.
- Q.1(C) Answer the following questions. (ANY ONE) (05)
1. What is Data Flow Architecture? Explain in Detail.
 2. Explain: Service Oriented Architecture
- Q.2(A) Answer the following questions. (03)
1. What is Schema?
 2. What is Partition table?
 3. What is ROLAP?
- Q.2(B) Answer the following questions. (ANY TWO) (06)
1. Explain Star Join (Star Schema).
 2. Explain logical Data warehouse Design.
 3. Explain Views.
 4. Explain Snow flake schemas.
- Q.2(C) Answer the following questions. (ANY ONE) (05)
1. Difference between Dimension table and Fact table.
 2. Explain Physical Design for Data Warehousing.
- Q.3(A) Answer the following questions. (03)
1. Full form: SSDT.
 2. Full form: SSIS.
 3. Full form of ETL.
- Q.3(B) Answer the following questions. (ANY TWO) (06)
1. Explain: Control Flow.
 2. Explain: ETL tool function.
 3. What Is Parameters? Explaining Defining parameters.
 4. Explain For loop container.
- Q.3(C) Answer the following questions. (ANY ONE) (05)
1. Write note about Transformations.
 2. Write note on SSIS Task.
- Q.4(A) Answer the following questions (03)
1. Full Form: DQS.
 2. What is Script Task?
 3. List out names of three types of Matching Logic.

- Q.4(B) Answer the following questions. (ANY TWO) (06)
1. Explain: Dts Object.
 2. What Is Rule based Logic?
 3. Explain: Data Cleanse.
 4. Explain: DQS Feature.
- Q.4(C) Answer the following questions (ANY ONE) (05)
1. Write note on custom components in SSIS.
 2. Explain Data Quality Process.
- Q.5(A) Answer the following questions (03)
1. Full Form: SSRS.
 2. What is Data flow?
 3. List different types of SSRS reports.
- Q.5(B) Answer the following questions (ANY TWO) (06)
1. Explain Parameters in Reporting service.
 2. Explain Packages.
 3. Explain Chart in SSRS.
 4. Explain Deployment model in SSIS.
- Q.5(C) Answer the following questions (ANY ONE) (05)
1. Write Note On: Business intelligence.
 2. Write note on Data Analysis.
