



Seat No. _____

HA-003-2036002

B. C. A. (Sem. VI) (CBCS) (W.E.F. 2019) Examination

April - 2023

CS - 32 : Data Warehousing With SQL Server 2012

Faculty Code : 003

Subject Code : 2036002

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

- 1 (a) Answer the following : 4
- (1) OLTP stands for _____.
 - (2) OLAP stands for _____.
 - (3) EDW stands for _____.
 - (4) DSS stands for _____.
- (b) Answer the following : (any one) : 2
- (1) Explain Data Warehousing.
 - (2) Explain one characteristic of Data Warehouse.
- (c) Answer the following : (any one) 3
- (1) Explain any two components of Data Warehouse.
 - (2) Explain advantage of Data Warehousing.
- (d) Answer the following : (any one) 5
- (1) Explain Data Flow Architecture.
 - (2) Explain Data Warehouse System Architecture.
- 2 (a) Answer the following : 4
- (1) What is Dimension table ?
 - (2) _____ data can be stored in dimension table.
 - (3) What is Fact table ?
 - (4) One fact table is surrounded by _____ tables in star schema.
- (b) Answer the following : (any one) 2
- (1) Write steps to design dimension table.
 - (2) Draw logical data model with example.
- (c) Answer the following : (any one) 3
- (1) Differentiate : Fact table V/s Dimension table.
 - (2) Differentiate : Logical data model v/s Physical data model.

- (d) Answer the following : (any one) : **5**
- (1) Explain Physical Data Model with example.
 - (2) Explain Logical Data Model with example.
- 3** (a) Answer the following : **4**
- (1) ETL stands for _____.
 - (2) SSIS stands for _____.
 - (3) SSMS stands for _____.
 - (4) DTS stands for _____.
- (b) Answer the following : (any one) **2**
- (1) Explain ETL process.
 - (2) Explain any one data source in SSIS data flow.
- (c) Answer the following : (any one) **3**
- (1) Explain any one type of container of SSIS control flow.
 - (2) Explain any one destination in SSIS data flow.
- (d) Answer the following : (any one) **5**
- (1) Explain any transformation of Data flow task.
 - (2) Explain any Control Flow task.
- 4** (a) Answer the following : **4**
- (1) DQS stands for _____.
 - (2) What is Data Cleansing ?
 - (3) What is Data Matching ?
 - (4) What are three script component types of SSIS ?
- (b) Answer the following : (any one) **2**
- (1) Draw Data Matching Process diagram.
 - (2) Draw Data Cleansing Process diagram.
- (c) Answer the following : (any one) **3**
- (1) Explain SSIS script component as source.
 - (2) Write steps to create knowledge base in DQS.
- (d) Answer the following : (any one) **5**
- (1) Explain how to cleanse data in DQS with example.
 - (2) Explain the need of Data Matching.

- 5** (a) Answer the following : **4**
- (1) BIDS stands for _____.
 - (2) SSAS stands for _____.
 - (3) SSRS stands for _____.
 - (4) SSDT stands for _____.
- (b) Answer the following : (any one) **2**
- (1) Explain SSAS in brief.
 - (2) Explain SSRS in brief.
- (c) Answer the following : (any one) **3**
- (1) Write steps to create SSIS catalog.
 - (2) Write steps to generate SSRS Report.
- (d) Answer the following : (any one) **5**
- (1) Explain steps to deploy SSIS package in SQL server.
 - (2) Explain steps to deploy SSIS package using BIDS.
-