HA-003-1036002

B. C. A. (Sem. VI) (CBCS) (W.E.F.-2016) Examination
April – 2023
CS-32 Data Warehousing with SQL Server 2012

Faculty Code : 003
Subject Code : 1036002

Time : $2\frac{1}{2}$ Hours / 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 at 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.

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