JB-003-1036002   Seat No. _____

B. C. A. (Sem. VI) (CBCS) (W.E.F. 2016) Examination

August – 2019

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)   What is Data Warehouse?

(2)   List any two Data Warehousing technologies used in today's market.

(3)   List any two architectural components of Data Warehouse.

(4)   List any two characteristics of Data Warehouse.

(B)   Answer the following : (Any **One**)   2

(1)   Explain future trends in Data Warehouse

(2)   Explain any one characteristic of Data Warehouse

(C)   Answer the followings : (Any **One**)   3

(1)   Explain any two components of Data Warehouse architecture

(2)   Why Data Warehousing is necessary today?

(D)   Answer the followings : (Any **One**)   5

(1)   Explain Data Flow Architecture

(2)   Explain Data Warehouse

2 (A) Answer the following :   **4**

      (1) List types of Data warehouse Designs

      (2) What is Fact table?

      (3) _____ data can be stored in Dimension 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 simple example.

   (C) Answer the following : (Any **One**)   **3**

      (1) Differentiate: Fact table V/S Dimension table.

      (2) Differentiate: Logical model V/S Physical Data model.

   (D) Answer the following : (Any **One**)   **5**

      (1) Explain Physical Data Model with suitable example.

      (2) Explain Logical Data Model with suitable example.

3 (A) Answer the following :   **4**

      (1) ETL stands for _____

      (2) SSIS stands for _____

      (3) What is Data Flow?

      (4) What is Control Flow?

   (B) Answer in brief : (Any **One**)   **2**

      (1) Explain ETL process.

      (2) Explain Data Sources in SSIS.

(C) Answer in detail : (Any **One**)   **3**

    (1) Explain For Loop Container.

    (2) Explain ADO.NET as Destination in SSIS.

(D) Write a note : (Any **One**)   **5**

    (1) Explain Data Flow with example.

    (2) Explain Control Flow with example.

4 (A) Answer the following :   **4**

    (1) DQS stands for _____

    (2) What is Data Cleansing?

    (3) What is Data Matching?

    (4) Write three Script component types of SSIS

(B) Answer in brief : (Any **One**)   **2**

    (1) What is Knowledge Base?

    (2) Write Steps to create Knowledge Base in DQS

(C) Answer in detail : (Any **One**)   **3**

    (1) Write steps to cleanse data in DQS

    (2) Explain SSIS script component

(D) Write a note with example : (Any **One**)   **5**

    (1) Explain steps to match data in DQS

    (2) Explain Custom Component in SSIS

5 (A) Answer the followings :   **4**

    (1) BI stands for _____

    (2) SSAS stands for _____

    (3) SSRS stands for _____

    (4) SSDT stands for _____

(B) Answer in brief : (Any **One**)   **2**

   (1) Explain SSAS

   (2) Explain SSRS

(C) Answer in details : (Any **One**)   **3**

   (1) Steps: SSIS catalog creation

   (2) Explain SSRS Report Items

(D) Write a note : (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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