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

March/April - 2022

CS-32 : Data Warehousing with SQL Server - 2012
(BCA-2019)

Faculty Code : 003
Subject Code : 2036002

Time : $2\frac{1}{2}$ Hours]   [Total Marks : 70

1   (A)   Answer the following :   4
          (1)   Full form of EDW.
          (2)   Data warehouses were first developed in the _____ year.
          (3)   What is the first type of data warehouse architectures?
          (4)   The data warehouse also stores all the Meta Data. (True/False).

    (B)   Answer in brief : (Any 1 out of 2)   2
          (1)   What is a data warehouses ?
          (2)   What is a data mining ?

    (C)   Answer in detail : (Any 1 out of 2)   3
          (1)   Explain characteristics of data warehouse.
          (2)   Explain dimensional data store.

    (D)   Write a note on : (Any 1 out of 2)   5
          (1)   Data flow architecture.
          (2)   Data warehousing today and future trends.

2 (A) Answer the following : 4

    (1) Full form of SCDs.

    (2) Dimension tables also known as _____ or_____ tables.

    (3) List out different types of data warehousing schemas.

    (4) Physical design in data warehouse is the creation of the database with MYSQL statements. (True / False).

  (B) Answer in brief : (Any 1 out of 2) 2

    (1) What is a data warehousing design ?

    (2) What is a data warehousing schema ?

  (C) Answer in detail : (Any 1 out of 2) 3

    (1) Explain snowflake schemas.

    (2) Explain fact tables.

  (D) Write a note on : (Any 1 out of 2) 5

    (1) Write a note on Physical design in data warehouse.

    (2) Give the difference between fact table and dimension table.

3 (A) Answer the following : 4

    (1) Full form of ADLS.

    (2) The data in a data warehouse system is loaded with an_____ tool.

    (3) List out different types of containers.

    (4) A control flow consists of one or more tasks that execute the package runs. (True / False)

  (B) Answer in brief : (Any 1 out of 2) 2

    (1) What is an ETL ?

    (2) What is a control flow ?

  (C) Answer in detail : (Any 1 out of 2) 3

    (1) Explain ETL tool function.

    (2) Explain SSIS.

(D) Write a note on : (Any 1 out of 2) 5

    (1) Write a note on ETL process.

    (2) Write a note on SSIS tasks.

4 (A) Answer the following : 4

    (1) Full form of MDS.

    (2) _____is a new feature in SQL server 2012.

    (3) List out two DQS features.

    (4) DQS is used for cleanse data. (True / False).

(B) Answer in brief : (Any 1 out of 2) 2

    (1) What is a data quality ?

    (2) What is a cleanse data ?

(C) Answer in detail : (Any 1 out of 2) 3

    (1) Explain DQS.

    (2) Explain DQS features

(D) Write a note on : (Any 1 out of 2) 5

    (1) Write a note on DQS to match data.

    (2) Write a note on custom components in SSIS.

5 (A) Answer the following : 4

    (1) Full form of FFT.

    (2) SQL server provides _____ for the development of ISP.

    (3) List out any two BI services.

    (4) Data warehouse reports usually retrieve data from an OLAP. (True / False).

(B) Answer in brief : (Any 1 out of 2) 2

    (1) What is a flat file ?

    (2) What is a project deployment model ?

(C) Answer in detail : (Any **1** out of **2**)   **3**

   (1) Give the step of creates a report.

   (2) Give the step of SQL server to flat file transformation.

(D) Write a note on : (Any **1** out of **2**)   **5**

   (1) Write a note on business intelligence.

   (2) Write a note on data analysis.

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