B. Sc. I. T. (Sem. VI) (CBCS) (W.E.F.-2019) Examination

July - 2022

CS-32 : Data Warehousing with SQL Server 2012

Faculty Code : 003
Subject Code : 2046002

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

1   (a)   Attempt the following :   **4**

  (1)   What is DWH?

  (2)   Give full form of ODS.

  (3)   Give the full form of DDS.

  (4)   What is third party data?

  (b)   Attempt the following : (any **one**)   **2**

  (1)   Explain application of data warehousing.

  (2)   What is stage in data store?

  (c)   Attempt the following : (any **one**)   **3**

  (1)   Explain types of data warehouse

  (2)   Explain Features of data warehouse

  (d)   Attempt the following : (any **one**)   **5**

  (1)   Explain IOT and cloud in terms of data warehousing.

  (2)   Explain Data Flow Architecture.

2   (a)   Attempt the following :   **4**

  (1)   In physical design process, entities are converted in to _____

  (2)   UID stands for _____

  (3)   What is fact table?

  (4)   SCD stands for _____

(b) Attempt the following : (any **one**) 2

    (1) Explain steps during logical design process.

    (2) What is Table space?

(c) Attempt the following : (any **one**) 3

    (1) Differentiate fact table and dimension table.

    (2) Explain types of dimension and explain any two in detail.

(d) Attempt the following : (any **one**) 5

    (1) Give the difference between Logical design and Physical design.

    (2) Write a short note on physical data structure of data warehouse

3 (a) Attempt the following : 4

    (1) Give the full form of SSIS.

    (2) ETL stands for _____

    (3) Give the full form of SSDT?

    (4) _____ is the default container.

(b) Attempt the following : (any **one**) 2

    (1) What is SSMS?

    (2) Explain Script task and FTP Task.

(c) Attempt the following : (any **one**) 3

    (1) Explain ETL.

    (2) What is package? Explain steps to create package.

(d) Attempt the following : (any **one**) 5

    (1) What is Container? List out types of container and explain any one in detail.

    (2) Write down the steps for creating database in excel and importing it in text file.

4 (a) Attempt the following : 4

    (1) Full form of DQS.

    (2) List out measurements of data quality.

    (3) SSIS Script task support _____ and _____ language.

    (4) Which type of cleansing process involves user?

  (b) Attempt the following : (any **one**) 2

    (1) What is data profiling?

    (2) What is data quality?

  (c) Attempt the following : (any **one**) 3

    (1) Explain Multicast component.

    (2) What is Data Cleansing? Explain types of data cleansing.

  (d) Attempt the following : (any **one**) 5

    (1) Write the steps for the cycle of Data Quality Management.

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

5 (a) Attempt the following : 4

    (1) .ispac extension is for _____

    (2) BI stands for _____

    (3) Give the full form of KPI.

    (4) List out types of BI Users.

  (b) Attempt the following : (any **one**) 2

    (1) What is Paginated Report?

    (2) Explain SSIS Package Execution.

  (c) Attempt the following : (any **one**) 3

    (1) Explain SSDT as BI.

    (2) Explain different types of BI users.

  (d) Attempt the following : (any **one**) 5

    (1) Explain Reporting in SSDT.

    (2) Write a short note on BI.