



DN-003-1046002

Seat No. _____

**B. Sc. (I.T.) (Sem. VI) (CBCS) (W.E.F. 2016)
Examination**

March - 2022

CS-32 : Data Warehousing with SQL Server-2012

Faculty Code : 003

Subject Code : 1046002

Time : **2.30** Hours]

[Total Marks : **70**

- 1 (A) Attempt the following. 4
- (1) Give the full form of DWH.
 - (2) Give full form of OLTP.
 - (3) Give the full form of EDW.
 - (4) Data mart is the subset of Data warehouse (T/F) ?
- (B) Attempt the following. (Any one) 2
- (1) Differentiate structured, semi-structure and unstructured data.
 - (2) What is data mining ?
- (C) Attempt the following. (Any one) 3
- (1) Explain Components of Data Warehouse.
 - (2) What is subject oriented and time-variant in terms of data warehouse ?
- (D) Attempt the following. (Any one) 5
- (1) Explain Data warehouse Architecture.
 - (2) Explain advantages and disadvantages of data warehousing.

- 2 (A) Attempt the following. 4**
- (1) Attributes of logical design are converted into _____ in physical design.
 - (2) Fact table is a central table in _____ schema of data warehouse.
 - (3) _____ table describe 'who, what, when, how and why'.
 - (4) Fact table does not contain hierarchy (T/F) ?
- 2 (B) Attempt the following. (Any One) 2**
- (1) What is Role Playing Dimension ?
 - (2) What is degenerate Dimension ?
- (C) Attempt the following. (Any One) 3**
- (1) Write as short note on types of facts.
 - (2) Define Surrogate key.
- (D) Attempt the following. (Any One) 5**
- (1) Give the difference between Logical design and Physical design.
 - (2) Give the difference between Fact table and Dimension table.
- 3 (A) Attempt the following. 4**
- (1) Give the full form of DTS.
 - (2) _____ is the component of Microsoft Sql Server Database.
 - (3) What is the extension of package ?
 - (4) Give the full form of ETL.
- (B) Attempt the following. (Any One) 2**
- (1) What is dynamic package ?
 - (2) Explain control flow and data flow.

- (C) Attempt the following. (Any One) **3**
- (1) Write a short note on SSIS task.
 - (2) Explain steps for creating package.
- (D) Attempt the following. (Any One) **5**
- (1) Explain different types of container.
 - (2) Write a short note on SSIS.
- 4 (A) Attempt the following. **4**
- (1) Give the full form of DQS.
 - (2) List out 5 different tabs of interactive cleansing process.
 - (3) Give the full form of MDS.
 - (4) _____ is the process which reduces data duplication and maintains accuracy of data.
- (B) Attempt the following. (Any One) **2**
- (1) Which are the features of DQS or measurements of Data quality ?
 - (2) Explain Script task.
- (C) Attempt the following. (Any One) **3**
- (1) Explain data quality management cycle.
 - (2) Explain computer assisted cleansing process.
- (D) Attempt the following. (Any One) **5**
- (1) Explain Interactive cleansing process.
 - (2) Explain DQS matching process in details.
- 5 (A) Attempt the following. **4**
- (1) Give the full form of SSdT
 - (2) Give the full form of SSMS.
 - (3) Give the full form of KPI
 - (4) Give the full form of SSRS.

- (B) Attempt the following. (Any One) **2**
- (1) Write a short note on Analysis Service Project.
 - (2) Explain types of data analysis.
- (C) Attempt the following. (Any One) **3**
- (1) Write a short note on configuration of SSIS package.
 - (2) Explain different types of BI users.
- (D) Attempt the following. (Any One) **5**
- (1) Explain deployment process for package.
 - (2) Explain BI Advantages and disadvantages.
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