



DN-003-2046002

Seat No. _____

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

Examination

March – 2022

CS-32 : Data Warehousing With SQL Server-2012
(New Course)

Faculty Code : 003

Subject Code : 2046002

Time : $2\frac{1}{2}$ Hours]

[Total Marks : 70

Instruction : Answer the following questions.

- 1 (A) Answer the Following : 4
- (1) ETL stands for _____
 - (2) DDS stands for _____
 - (3) _____ is considered as the process of extracting useful data from a large set of data.
 - (4) OLTP stands for _____
- (B) Answer Any **One** in Brief : 2
- (1) What is data mart?
 - (2) What is the need of data warehouse?
- (C) Answer Any **One** Question : 3
- (1) Explain data flow architecture in brief.
 - (2) Explain Features of Data warehouse.
- (D) Answer Any **One** Question In Details : 5
- (1) Explain data warehouse architecture.
 - (2) Write down advantages and disadvantages of Data Warehousing.

- 2 (A) Answer The Following : 4
- (1) Attributes of logical design are converted into _____ in physical design.
 - (2) A fact table is used in the _____ in data warehouse design.
 - (3) Which technique can be used for logical design of data warehouse ?
 - (4) A _____ is an organized view of database concepts and their relationships.
- (B) Answer Any **One** in Brief : 2
- (1) What is star schema?
 - (2) What is the purpose of Conceptual Data Model?
- (C) Answer Any **One** Question : 3
- (1) Write down the difference between logical and physical design of data warehouse.
 - (2) Explain types of data model?
- (D) Answer Any **One** Question In Details : 5
- (1) Explain different types of dimensions in details.
 - (2) Write down the difference between fact table and dimension table.
- 3 (A) Answer the following : 4
- (1) SSIS stands for _____
 - (2) _____ task is used to move the data from source to destination.
 - (3) _____ is collection of control flow and data flow.
 - (4) SSIS package is composed of _____

- (B) Answer Any **One** In Brief : 2
- (1) List out SSIS tasks.
 - (2) What is task host container?
- (C) Answer Any **One** Question : 3
- (1) Write a short note on SSIS.
 - (2) Write a short note on Data Flow.
- (D) Answer Any **One** Question in Details : 5
- (1) Write a note on Control Flow.
 - (2) What is container? Explain different types of container in details.
- 4 (A) Answer the following : 4
- (1) DQS stands for _____
 - (2) _____ is used to generate log messages as well as many other logics related to packages.
 - (3) SSIS script task support _____ and _____ language.
 - (4) _____ is the main advantage of SSIS custom components.
- (B) Answer Any **One** In Brief : 2
- (1) What is data quality monitoring?
 - (2) What is data quality ?
- (C) Answer Any **One** Question : 3
- (1) What are the advantages of DQS matching process?
 - (2) Write a short note on SSIS custom components.
- (D) Answer Any **One** Question In Details : 5
- (1) Explain data matching policy in details.
 - (2) Explain data cleansing process in detail.

- 5 (A) Answer The Following : 4
- (1) SSDT stands for _____
 - (2) KPI stands for _____
 - (3) SSRS stands for _____
 - (4) BIDS stands for _____
- (B) Answer Any **One** In Brief : 2
- (1) Give the contents of Analysis Service Project folder.
 - (2) What is Prescriptive Analysis?
- (C) Answer Any **One** Question : 3
- (1) Explain types data analysis in brief.
 - (2) Write a short note on Configuration of SSIS package
- (D) Answer Any **One** Question In Details : 5
- (1) What is BI? Explain types of BI users.
 - (2) Explain Reporting in SSDT.
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