



PA-003-1046002

Seat No. _____

**B. Sc. (Information Technology) (Sem. VI) (CBCS)
(W.I.F. 2016) Examination**

March / April - 2020

CS - 32 : DATA Warehousing With SQL SERVER 2012

Faculty Code : 003

Subject Code : 1046002

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

[Total Marks : 70

- 1 (A) Attempt the following : 4
- (1) Give the full form of EDW.
 - (2) Give full form of ODS.
 - (3) Give the full form of CRM.
 - (4) Give the full form of OLTP
- (B) Attempt the following : (Any One) 2
- (1) Explain data warehouse types.
 - (2) Explain data mining.
- (C) Attempt the following : (Any One) 3
- (1) Give the advantages of Data warehousing.
 - (2) Explain Data Flow Architecture.
- (D) Attempt the following : (Any One) 5
- (1) Explain Data Warehouse Architecture.
 - (2) Explain Future trends in Data Warehousing:

- 2 (A) Attempt the following : 4
- (1) At the time of physical design process, you have to map attributes with _____
 - (2) _____ is a central table in a star schema of a data warehouse.
 - (3) Column Data Types only includes in Physical design. (true or false)
 - (4) A _____ is a schema object that defines hierarchical relationships between columns or column sets.
- (B) Attempt the following : (Any One) 2
- (1) What is star Schema?
 - (2) Explain different types of facts.
- (C) Attempt the following : (Any One) 3
- (1) Give the difference between Fact table and Dimension table.
 - (2) Explain different types of dimensions. (any 5)
- (D) Attempt the following : (Any One) 5
- (1) Give the difference between Logical design and Physical design.
 - (2) Explain different types of data models and data modeling techniques.
- 3 (A) Attempt the following : 4
- (1) Which is default Container?
 - (2) Give the full form of SSIS?
 - (3) Give the full form of SSMS?
 - (4) Give the Full form of ETL?

- (B) Attempt the following : (Any One) 2
- (1) What is dynamic package?
 - (2) Explain ETL.
- (C) Attempt the following : (Any One) 3
- (1) Give the basic steps for creating a package.
 - (2) Explain Data Flow.
- (D) Attempt the following : (Any One) 5
- (1) Explain different types of Container.
 - (2) Explain Control Flow.
- 4 (A) Attempt the following : 4
- (1) Full form of DQS?
 - (2) Each matching rule is saved in the _____ when it is created.
 - (3) SSIS Script task support _____ and _____ language.
 - (4) Give the full form of DQAF.
- (B) Attempt the following : (Any One) 2
- (1) Explain auto correction and auto suggestions.
 - (2) Explain Multi cast component.
- (C) Attempt the following : (Any One) 3
- (1) Explain Script task.
 - (2) Explain computer assisted cleansing process.

- (D) Attempt the following : (Any One) 5
- (1) Explain Interactive cleansing process.
 - (2) Explain data matching policy.
- 5 (A) Attempt the following : 4
- (1) Give the full form of BI.
 - (2) Give the full form of OLAP.
 - (3) Give the full form of KPI.
 - (4) Give the full form of SSRS.
- (B) Attempt the following : (Any One) 2
- (1) What is project deployment model?
 - (2) Explain SSMS.
- (C) Attempt the following : (Any One) 3
- (1) Explain Data Analysis.
 - (2) Explain different types of BI users.
- (D) Attempt the following : (Any One) 5
- (1) Explain Report.
 - (2) Explain BI advantages and disadvantages
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