



**RY-003-1046002**

Seat No. \_\_\_\_\_

**B. Sc. (I.T.) (Sem. VI) (CBCS) Examination**

**March - 2019**

**CS - 32 : Data Warehouse with Sql Server 2012**

**Faculty Code : 003**

**Subject Code : 1046002**

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

[Total Marks : **70**

- 1 (A) Objective type questions : **4**
- (1) What are the applications of datawarehousing?
  - (2) What is meant by non volatile nature in datawarehouse?
  - (3) What is OLTP?
  - (4) DW stands for \_\_\_\_\_
- (B) Attempt any **one** out of two : **2**
- (1) What is datawarehouse?
  - (2) Why we need separate datawarehouse?
- (C) Attempt any **one** out of two : **3**
- (1) What is the significant use of subject oriented datawarehouse?
  - (2) Give the Architecture of Data Flow Architecture.
- (D) Attempt any **one** out of two : **5**
- (1) Explain Future trends of Data Warehousing.
  - (2) Give the Architecture of Data warehouse and explain its usage.

- 2** (A) Objective type questions : **4**
- (1) RDBMS stands for \_\_\_\_\_
  - (2) Explain MOLAP.
  - (3) What is Dimension table?
  - (4) Explain any one Deferent in Dimension table and fact table.
- (B) Attempt any **one** out of two : **2**
- (1) Explain components of data warehouse.
  - (2) What is fact table?
- (C) Attempt any **one** out of two : **3**
- (1) Explain the step to build a Logical Data Warehouse.
  - (2) Explain Data Warehousing Schemas.
- (D) Attempt any **one** out of two : **5**
- (1) Explain the operations performed on data warehouse with examples.
  - (2) Explain the step to build a Physical Design for Data Warehouse.
- 3** (A) Objective type questions : **4**
- (1) SSAS stands for \_\_\_\_\_
  - (2) SSIS stands for \_\_\_\_\_
  - (3) What is real-time data warehousing?
  - (4) What is Metadata Repository?
- (B) Attempt any **one** out of two : **2**
- (1) Explain ETL tool by Microsoft.
  - (2) How to use ETL with SSIS.

- (C) Attempt any **one** out of two : **3**
- (1) Defining SSIS Control Flow.
  - (2) Explain ETL Pattern Library.
- (D) Attempt any **one** out of two : **5**
- (1) What is Data Source in Data Warehouse?
  - (2) Explain the steps to create Dynamic Packages in SQL server.
- 4 (A) Objective type questions : **4**
- (1) DQS stands for \_\_\_\_\_
  - (2) What is Data Cleansing?
  - (3) What is Data Matching in Data Quality?
  - (4) What is Data Quality?
- (B) Attempt any **one** out of two : **2**
- (1) Explain DQS Data Flow
  - (2) How Extending the Data Flow with the Script Component.
- (C) Attempt any **one** out of two : **3**
- (1) Write the step upgrade a custom component for SSIS.
  - (2) How to Data Flow in an SSIS Package.
- (D) Attempt any **one** out of two : **5**
- (1) How to Develop a Custom Data Flow Component.
  - (2) How to Add the Script Task to Your SSIS Packages.

- 5 (A) Objective type questions : 4
- (1) What is a checkpoint in SSIS?
  - (2) How do you deploy SSIS packages?
  - (3) SSRS stands for \_\_\_\_\_
  - (4) List different types of SSRS reports.
- (B) Attempt any **one** out of two : 2
- (1) What is SSIS control flow integration?
  - (2) Write the list of different types of transformations in SSIS?
- (C) Attempt any **one** out of two : 3
- (1) How to create the deployment utility SSIS packages?
  - (2) How to back up or retrieve the SSIS packages
- (D) Attempt any **one** out of two : 5
- (1) What are the different options for SSIS package deployment?
  - (2) Explain what are the different stages of Report Processing?
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