



**JB-003-1046002**

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

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

**August – 2019**

**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) Fill in the blanks : 4
- (1) DDS stands for \_\_\_\_\_.
  - (2) The data in the DDS is loaded into MDB, which is also known as \_\_\_\_\_.
  - (3) MDB stands for \_\_\_\_\_.
  - (4) Data in source system is current data while data in data warehouse is \_\_\_\_\_.
- (B) Write the following questions in brief : (Any One) 2
- (1) What data Warehouse?
  - (2) What is unstructured data?
- (C) Write the following questions in detail : (Any One) 3
- (1) Explain future trends in data warehouse.
  - (2) Explain system architecture in brief.
- (D) Write the following questions : (Any One) 5
- (1) Explain "Data warehousing today".
  - (2) Explain Data warehouse architecture with diagram.

- 2 (A) Fill in the blanks : 4
- (1) What is data mart?
  - (2) What is dimensional table?
  - (3) NDS stands for \_\_\_\_\_.
  - (4) CRM stands for \_\_\_\_\_.
- (B) Write the following questions in brief : (Any One) 2
- (1) What is fact table?
  - (2) Write MSSQL query for creating a new table.
- (C) Write the following questions in detail : (Any One) 3
- (1) Differentiate between logical design v/s physical design for data warehouse.
  - (2) Explain logical design of NDS in brief.
- (D) Write the following questions : (Any One) 5
- (1) Explain hardware, software and storage considerations for physical design of data warehouse.
  - (2) Explain logical design of DDS using star schema with suitable example.
- 3 (A) Fill in the blanks : 4
- (1) ETL stands for \_\_\_\_\_.
  - (2) SSIS stands for \_\_\_\_\_.
  - (3) SSDT stands for \_\_\_\_\_.
  - (4) For csv file conversion \_\_\_\_\_ data source is used.
- (B) Write the following questions in brief : (Any One) 2
- (1) Describe flatfile source.
  - (2) Describe OLEDB destination.

- (C) Write the following question in detail : (Any One) 3
- (1) Explain multicast control in brief.
  - (2) Explain SSIS.
- (D) Write the following question : (Any One) 5
- (1) Write short note on ETL with diagram.
  - (2) Write steps for converting access data to SQL table.
- 4 (A) Fill in the blanks : 4
- (1) DQS stands for \_\_\_\_\_.
  - (2) Latest- version of SQL server is \_\_\_\_\_.
  - (3) \_\_\_\_\_ is a process of identifying and correcting dirty data.
  - (4) In SQL server we have \_\_\_\_\_ types of matching logic.
- (B) Write the following question in brief : (Any One) 2
- (1) What is DQS?
  - (2) How to use custom components in SSIS?
- (C) Write the following question in detail : (Any One) 3
- (1) Describe steps for using DQS.
  - (2) Write a short note on DQS as matching data.
- (D) Write the following question : (Any One) 5
- (1) Describe steps how to write script in SSIS.
  - (2) Write a short note on DQS as cleansing data.

- 5 (A) Fill in the blanks : 4
- (1) BI stands for \_\_\_\_\_.
  - (2) SSAS stands for \_\_\_\_\_.
  - (3) SSRS stands for \_\_\_\_\_.
  - (4) OLAP stands for \_\_\_\_\_.
- (B) Write the following question in brief : (Any One) 2
- (1) What means deploy?
  - (2) What can we do using SSRS?
- (C) Write the following question in detail : (Any One) 3
- (1) Write steps to deploy SSIS project.
  - (2) Write short note on BI analytics and data mining in brief.
- (D) Write the following question : (Any One) 5
- (1) Write steps to create a report using report wizard.
  - (2) Write short note on Data Analysis.
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