



**DN-003-2036002**

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

**B. C. A. (Sem. VI) (CBCS) (W.E.F. 2019)**

**Examination**

**March/April - 2022**

**CS-32 : Data Warehousing with SQL Server - 2012**

**(BCA-2019)**

**Faculty Code : 003**

**Subject Code : 2036002**

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

[Total Marks : 70

- 1 (A) Answer the following : 4
- (1) Full form of EDW.
  - (2) Data warehouses were first developed in the \_\_\_\_\_ year.
  - (3) What is the first type of data warehouse architectures?
  - (4) The data warehouse also stores all the Meta Data. (True/False).
- (B) Answer in brief : (Any 1 out of 2) 2
- (1) What is a data warehouses ?
  - (2) What is a data mining ?
- (C) Answer in detail : (Any 1 out of 2) 3
- (1) Explain characteristics of data warehouse.
  - (2) Explain dimensional data store.
- (D) Write a note on : (Any 1 out of 2) 5
- (1) Data flow architecture.
  - (2) Data warehousing today and future trends.

- 2 (A) Answer the following : 4**
- (1) Full form of SCDs.
  - (2) Dimension tables also known as \_\_\_\_\_or\_\_\_\_\_ tables.
  - (3) List out different types of data warehousing schemas.
  - (4) Physical design in data warehouse is the creation of the database with MYSQL statements.  
(True / False).
- (B) Answer in brief : (Any 1 out of 2) 2**
- (1) What is a data warehousing design ?
  - (2) What is a data warehousing schema ?
- (C) Answer in detail : (Any 1 out of 2) 3**
- (1) Explain snowflake schemas.
  - (2) Explain fact tables.
- (D) Write a note on : (Any 1 out of 2) 5**
- (1) Write a note on Physical design in data warehouse.
  - (2) Give the difference between fact table and dimension table.
- 3 (A) Answer the following : 4**
- (1) Full form of ADLS.
  - (2) The data in a data warehouse system is loaded with an\_\_\_\_\_ tool.
  - (3) List out different types of containers.
  - (4) A control flow consists of one or more tasks that execute the package runs. (True / False)
- (B) Answer in brief : (Any 1 out of 2) 2**
- (1) What is an ETL ?
  - (2) What is a control flow ?
- (C) Answer in detail : (Any 1 out of 2) 3**
- (1) Explain ETL tool function.
  - (2) Explain SSIS.

- (D) Write a note on : (Any 1 out of 2) 5
- (1) Write a note on ETL process.
  - (2) Write a note on SSIS tasks.
- 4 (A) Answer the following : 4
- (1) Full form of MDS.
  - (2) \_\_\_\_\_ is a new feature in SQL server 2012.
  - (3) List out two DQS features.
  - (4) DQS is used for cleanse data. (True / False).
- (B) Answer in brief : (Any 1 out of 2) 2
- (1) What is a data quality ?
  - (2) What is a cleanse data ?
- (C) Answer in detail : (Any 1 out of 2) 3
- (1) Explain DQS.
  - (2) Explain DQS features.
- (D) Write a note on : (Any 1 out of 2) 5
- (1) Write a note on DQS to match data.
  - (2) Write a note on custom components in SSIS.
- 5 (A) Answer the following : 4
- (1) Full form of FFT.
  - (2) SQL server provides \_\_\_\_\_ for the development of ISP.
  - (3) List out any two BI services.
  - (4) Data warehouse reports usually retrieve data from an OLAP. (True / False).
- (B) Answer in brief : (Any 1 out of 2) 2
- (1) What is a flat file ?
  - (2) What is a project deployment model ?

(C) Answer in detail : (Any 1 out of 2) **3**

(1) Give the step of creates a report.

(2) Give the step of SQL server to flat file transformation.

(D) Write a note on : (Any 1 out of 2) **5**

(1) Write a note on business intelligence.

(2) Write a note on data analysis.

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