



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

**HA-003-2046002**

**B. Sc. (IT) (Sem. VI) Examination**

**April - 2023**

**Data Warehousing With SQL Server 2012**

**Faculty Code : 003**

**Subject Code : 2046002**

Time :  $2\frac{1}{2}$  / Total Marks : 70

- 1 (a) Objective type questions : 4
- (1) OLAP stands for \_\_\_\_\_.
  - (2) Full form of CRM.
  - (3) Full form of MOLAP.
  - (4) Full form of ODS.
- (b) Answer in brief : (any one out of two) 2
- (1) What is data mart ?
  - (2) What is data warehouse ?
- (c) Answer in detail : (any one out of two) 3
- (1) Explain of DW characteristics.
  - (2) Describe data flow architecture.
- (d) Write a note on : (any one out of two) 5
- (1) Note: Data Warehouse Architecture.
  - (2) Explain future trend in Data warehouse.
- 2 (a) Objective type questions : 4
- (1) The star scheme is composed of \_\_\_\_\_ fact table.
  - (2) Full form of DBA.
  - (3) RDBMS stands for \_\_\_\_\_.
  - (4) Full form of ER.
- (b) Answer in brief : (any one out of two) 2
- (1) What is data warehouse design ?
  - (2) What is dimension stable ?
- (c) Answer in detail : (any one out of two) 3
- (1) Explain fact table with detail.
  - (2) Explain star schema.
- (d) Write a note on : (any one out of two) 5
- (1) Explain physical design in Data warehouse.
  - (2) Explain components of Data Warehouse.

- 3** (a) Objective type questions : **4**
- (1) Microsoft SQL server is some time known as \_\_\_\_.
  - (2) Full form of ETL.
  - (3) Full form of BIML.
  - (4) SQL became scandalized in \_\_\_\_\_.
- (b) Answer in brief : (any one out of two) **2**
- (1) What is package ?
  - (2) How to use ETL with SSIS ?
- (c) Answer in detail : (any one out of two) **3**
- (1) Explain exploring data source in data warehouse.
  - (2) Explain types of container.
- (d) Write a note on : (any one out of two) **5**
- (1) Explain control flow with detail.
  - (2) Explain container in SQL Server.
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- 4** (a) Objective type questions : **4**
- (1) MDS stands for \_\_\_\_\_.
  - (2) SQL Server integration service script task supports \_\_\_\_ and \_\_\_\_ language.
  - (3) SSIS script task can interact with SSIS \_\_\_\_\_.
  - (4) Full form of DQS.
- (b) Answer in brief : (any one out of two) **2**
- (1) What is custom components ?
  - (2) What is DQS dimension ?
- (c) Answer in detail : (any one out of two) **3**
- (1) Explain script task.
  - (2) Explain data matching in DQS.
- (d) Write a note on : (any one out of two) **5**
- (1) Explain planning of custom components.
  - (2) Explain data quality with cleansing data.

- 5** (a) Objective type questions : **4**
- (1) Full form of XML.
  - (2) SSMS stands for \_\_\_\_\_.
  - (3) SSAS stands for \_\_\_\_\_.
  - (4) Full form of KPI.
- (b) Answer in brief : (any one of two) **2**
- (1) How SSRS works in SQL Server ?
  - (2) What is BI ?
- (c) Answer in detail : (any 1 out of two) **3**
- (1) Explain SSIS development with detail.
  - (2) Explain Deploying SSIS package.
- (d) Write a note on : (any one out of two) **5**
- (1) Explain project/package deployment model.
  - (2) Explain planning of SSIS package execution.
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