



**BBB-003-1046002**

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

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

**June-July - 2021**

**Data Warehouse With SQL Server 2012**

**Faculty Code : 003**

**Subject Code : 1046002**

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

[Total Marks : 70

**Instructions :** Attempt any five questions.

- 1 (A) Attempt following Questions. 4  
(1) Give full form of OLAP.  
(2) Full form of OLTP.  
(3) Full form of ODS.  
(4) DWH stands for \_\_\_\_\_.
- (B) Attempt Following Question. 2  
(1) What is data ware house?
- (C) Attempt Following Question. 3  
(1) Explain of data ware house characteristics.
- (D) Attempt Following Question. 5  
(1) Explain history of data warehouse.
- 2 (A) Attempt following Questions. 4  
(1) Data warehouse was first developed by \_\_\_\_\_.  
(2) Full form of ODBC.  
(3) Full form of OLE-DB.  
(4) Full form of GUI.
- (B) Attempt Following Question. 2  
(1) Explain data warehouse types.
- (C) Attempt Following Question. 3  
(1) Explain features of data warehouse.
- (D) Attempt Following Question. 5  
(1) Explain data warehouse architecture.

- 3 (A) Attempt following Questions. 4  
 (1) RDBMS stands for \_\_\_\_\_.  
 (2) Full form of DBA.  
 (3) Full form of MOLAP.  
 (4) Give the full form of ER.
- (B) Attempt Following Question. 2  
 (1) What is fact table?
- (C) Attempt Following Question. 3  
 (1) Explain the step to build a logical data warehouse.
- (D) Attempt Following Question. 5  
 (1) Explain fact table and dimension table with diagram.
- 4 (A) Attempt following Questions. 4  
 (1) Full form of ROLAP.  
 (2) Full form of UML.  
 (3) Full form of SQL.  
 (4) Full form of DDL.
- (B) Attempt Following Question. 2  
 (1) Explain components of data warehouse.
- (C) Attempt Following Question. 3  
 (1) Explain data ware house in dimension table with example.
- (D) Attempt Following Question. 5  
 (1) Explain Physical design in data warehouse.
- 5 (A) Attempt following Questions. 4  
 (1) Full form of SSAS.  
 (2) Full form of SSIS.  
 (3) Give the full form of ETL.  
 (4) Give the full form of BIML.
- (B) Attempt Following Question. 2  
 (1) Explain ETL.
- (C) Attempt Following Question. 3  
 (1) What is Meta Data?
- (D) Attempt Following Question. 5  
 (1) What is data source in Data Warehouse with example?

- 6 (A) Attempt following Questions. 4
- (1) Container is defined by \_\_\_\_\_ File.
  - (2) What is SQL Server?
  - (3) Structure Query Language became standardizes in \_\_\_\_\_.
  - (4) ETL tool part of the Microsoft \_\_\_\_\_.
- (B) Attempt Following Question. 2
- (1) How to use ETL with SSIS.
- (C) Attempt Following Question. 3
- (1) Defining SSIS Control flow.
- (D) Attempt Following Question. 5
- (1) Explain Control flow in Data warehouse.
- 7 (A) Attempt following Questions. 4
- (1) Full form of DQS.
  - (2) Give the full form of DQA.
  - (3) Full form of VSTA.
  - (4) Full form of MDS.
- (B) Attempt Following Question. 2
- (1) Explain DQS.
- (C) Attempt Following Question. 3
- (1) Explain planning custom components.
- (D) Attempt Following Question. 5
- (1) How to add the script task to your SSIS package.
- 8 (A) Attempt following Questions. 4
- (1) Full form of DQM.
  - (2) Full form of DQAF.
  - (3) What is Knowledge base in Data warehouse?
  - (4) What is run-time method custom component in SSIS?
- (B) Attempt Following Question. 2
- (1) What is custom component in Data Warehouse?
- (C) Attempt Following Question. 3
- (1) How to data flow in SSIS package?
- (D) Attempt Following Question. 5
- (1) Explain data Quality with Match Data?

- 9** (A) Attempt following Questions. **4**
- (1) Full form of API.
  - (2) Full form of BISM.
  - (3) SSRS stands for \_\_\_\_\_.
  - (4) Give the full form of BIDS.
- (B) Attempt Following Question. **2**
- (1) Explain deploying SSIS project.
- (C) Attempt Following Question. **3**
- (1) Explain data analysis.
- (D) Attempt Following Question. **5**
- (1) What is BI? Explain BI in Detail.
- 10** (A) Attempt following Questions. **4**
- (1) Full form of IDE.
  - (2) Full form of XMI.
  - (3) Full form of DAX.
  - (4) Full form of SSDT.
- (B) Attempt Following Question. **2**
- (1) Write the list of different types of transformation in SSIS.
- (C) Attempt Following Question. **3**
- (1) Explain benefits of report projects.
- (D) Attempt Following Question. **5**
- (1) Explain what are the different stages of report processing.
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