

B.C.A Semester - 6 (CBCS) Examination**March/April-2023 (NEW COURSE)****Data Warehousing with SQL Server 2012 (Core (New))****Time: 2:30 Hours****Marks: 70****Instructions:**

1. All questions are compulsory.
2. Figures to the right indicate marks.

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- Q.1(A) Attempt the following. (03)
1. EDW stands for_____
 2. CRM stands for_____
 3. OLTP stands for_____
- Q.1(B) Attempt the following. (Any two) (06)
1. Write advantages and disadvantages of data warehouse.
 2. Explain dataflow architecture of data warehouse.
 3. Discuss CRM in detail.
 4. Explain data mining.
- Q.1(C) Attempt the following. (Any one) (05)
1. What is data warehouse? Explain its characteristics and functions.
 2. Explain future trends of data warehouse.
- Q.2(A) Attempt the following. (03)
1. What is data warehouse schema?
 2. SCD stands for_____
 3. What is fact table?
- Q.2(B) Attempt the following. (Any two) (06)
1. Discuss view in detail.
 2. Explain snowflake structure.
 3. Discuss physical design for data warehouse.
 4. Define partitioned table. How it is useful?
- Q.2(C) Attempt the following. (Any one) (05)
1. Explain logical design for data warehouse.
 2. Explain star schema with example.
- Q.3(A) Attempt the following. (03)
1. ETL stands for_____
 2. SSIS stands for_____
 3. SMO stands for_____
- Q.3(B) Attempt the following. (Any two) (06)
1. Explain sequence container.
 2. What is SSIS? Discuss SSIS packages.
 3. Write a note on flat file.
 4. Discuss SSIS tasks.
- Q.3(C) Attempt the following. (Any one) (05)
1. Explain ETL Process.
 2. Write a note on control flow in SSIS.
- Q.4(A) Attempt the following. (03)
1. DQS stands for_____
 2. DQKB stands for_____
 3. DQM stands for_____

- Q.4(B) Attempt the following. (Any two) (06)
1. Explain features of DQS.
 2. Write a note on data cleansing.
 3. Define script task and script component.
 4. What is data quality? Why it is important?
- Q.4(C) Attempt the following. (Any one) (05)
1. Explain data quality service to match data.
 2. Explain data quality process with diagram.
- Q.5(A) Attempt the following. (03)
1. SSRS stands for_____
 2. SSAS stands for_____
 3. What is data analysis?
- Q.5(B) Attempt the following. (Any two) (06)
1. Discuss control flow v/s data flow.
 2. Differentiate project deployment model v/s package deployment package
 3. Write benefits of business intelligence reporting.
 4. Write a note on SSRS configuration manager.
- Q.5(C) Attempt the following. (Any one) (05)
1. Explain package deployment in SSIS.
 2. Explain business intelligence in detail.
