

B.C.A Semester - 6 (CBCS) Examination**March/April-2023 (OLD COURSE)****CS-32 DATA WAREHOUSING WITH SQL SERVER 2012(CORE)****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) Answer the following questions. (04)
1. OLTP stands for _____.
 2. CRM stands for _____.
 3. OLAP stands for _____.
 4. ODS stands for _____.
- Q.1(B) Answer the following question. (Any One) (02)
1. Explain future trends of data warehouse.
 2. What is normalization data store?
- Q.1(C) Answer the following question. (Any One) (03)
1. Explain Data flow Architecture.
 2. Differentiate OLAP V/S OLTP.
- Q.1(D) Answer the following question. (Any one) (05)
1. Explain Data Warehouse Architecture.
 2. What is data warehouse? Explain with its characteristics.
- Q.2(A) Answer the following questions. (04)
1. List out type of relationship.
 2. Where Fact table is located in the database?
 3. What is star schema?
 4. What is snowflake schema?
- Q.2(B) Answer the following question. (Any One) (02)
1. What is Data Compression?
 2. What is Data Sources?
- Q.2(C) Answer the following question. (Any One) (03)
1. Explain Logical Design for Data Warehouse.
 2. Explain Fact Table with its type.
- Q.2(D) Answer the following question. (Any one) (05)
1. Explain Physical Design for Data Warehouse.
 2. Explain Dimension Table with its type.
- Q.3(A) Answer the following questions. (04)
1. SSIS stands for _____.
 2. SSDT stands for _____.
 3. ETL stands for _____.
 4. List out container Control in SSDT.
- Q.3(B) Answer the following question. (Any One) (02)
1. Explain SSIS task.
 2. Explain foreach loop Container.
- Q.3(C) Answer the following question. (Any One) (03)
1. Explain Control flow in SSIS.
 2. Write a step to insert record into table using for loop container control.

- Q.3(D) Answer the following question. (Any one) (05)
1. Write a note on ETL.
 2. Explain how to Creating Dynamic Packages.
- Q.4(A) Answer the following questions. (04)
1. DQS stands for.
 2. List out DQS Components.
 3. How many types of project provide by DQS client? List out it.
 4. What is Data Profiling?
- Q.4(B) Answer the following question. (Any one) (02)
1. Explain important of data quality.
 2. What is clustering in knowledge base management?
- Q.4(C) Answer the following question. (Any One) (03)
1. Explain Data Quality service to cleanse data.
 2. Explain Data Quality service to match data.
- Q.4(D) Answer the following question. (Any one) (05)
1. Different between Script Task V/S Script Component.
 2. Explain Data Quality process with diagram.
- Q.5(A) Answer the following questions. (04)
1. SSAS stands for _____.
 2. SSRS stands for _____.
 3. List out types of Authentication to connect SQL Server.
 4. BI stands for _____.
- Q.5(B) Answer the following question. (Any One) (02)
1. How to Enabling CLR on the SQL server Instance.
 2. What is Data Mining?
- Q.5(C) Answer the following question. (Any One) (03)
1. What is Deployment?
 2. What is data analysis?
- Q.5(D) Answer the following question. (Any one) (05)
1. Write a step for planning package in SSIS.
 2. Write a step how to create report using report wizard.
