

B.C.A Semester - 6 (CBCS) Examination**March/April-2024 (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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- Que-1(A) Answer the following questions. (04)
- (1) OLTP stands for _____.
 - (2) CRM stands for _____.
 - (3) OLAP stands for _____.
 - (4) ODS stands for _____.
- Que-1(B) Answer the following question. (Any One) (02)
- (1) Explain future trends of data warehouse.
 - (2) What is normalization data store?
- Que-1(C) Answer the following question. (Any One) (03)
- (1) Explain Data flow Architecture.
 - (2) Differentiate OLAP V/S OLTP.
- Que-1(D) Answer the following question. (Any one) (05)
- (1) Explain Data Warehouse Architecture.
 - (2) What is data warehouse? Explain with its characteristics.
- Que-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?
- Que-2(B) Answer the following question. (Any One) (02)
- (1) What is Data Compression?
 - (2) What is Data Sources?
- Que-2(C) Answer the following question. (Any One) (03)
- (1) Explain Logical Design for Data Warehouse.
 - (2) Explain Fact Table with its type.
- Que-2(D) Answer the following question. (Any one) (05)
- (1) Explain Physical Design for Data Warehouse.
 - (2) Explain Dimension Table with its type.
- Que-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.
- Que-3(B) Answer the following question. (Any One) (02)
- (1) Explain SSIS task.
 - (2) Explain foreach loop Container.
- Que-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.

- Que-3(D) Answer the following question. (Any one) (05)
- (1) Write a note on ETL.
 - (2) Explain how to Creating Dynamic Packages.
- Que-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?
- Que-4(B) Answer the following question. (Any one) (02)
- (1) Explain important of data quality.
 - (2) What is clustering in knowledge Base management?
- Que-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.
- Que-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.
- Que-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 _____.
- Que-5(B) Answer the following question. (Any One) (02)
- (1) How to Enabling CLR on the SQL server Instance.
 - (2) What is Data Mining?.
- Que-5(C) Answer the following question. (Any One) (03)
- (1) What is Deployment?
 - (2) What is data analysis?
- Que-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.
