

B.C.A Semester - 6 (CBCS) Examination**April/May-2022 (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.
