

B.C.A Semester - 6 (CBCS) Examination
May/June-2021 (NEW COURSE)
Data Warehousing with SQL Server 2012 (Core)

Time: 1:30 Hours**Marks: 42****Instructions:**

1. Figures to the right indicate marks.
 2. There are five questions in the question paper.
 3. Answer any three of the following questions.
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Q.1(A) Attempt following questions. (03)

1. OLTP stands for_____.
2. OLAP stands for_____.
3. DWH stands for_____.

Q.1(B) Attempt following. (Attempt any two) (06)

1. Explain future trends of data warehouse.
2. What is the normalization data store?
3. Explain data warehouse types.
4. Explain advantages of data warehouse.

Q.1(C) Attempt following. (Attempt any one) (05)

1. Explain data warehouse architecture.
2. What is data warehouse? Explain its characteristics.

Q.2(A) Attempt following questions. (03)

1. List out types of entity relationship.
2. What is role playing dimension?
3. What is fact table?

Q.2(B) Attempt following. (Attempt any two) (06)

1. Give steps for logical design of data warehouse.
2. Give steps for physical design of data warehouse.
3. Explain types of dimension.
4. What is data compression?

Q.2(C) Attempt following. (Attempt any one) (05)

1. Explain star schema with example.
2. Explain snowflake schema with example.

Q.3(A) Attempt following questions. (03)

1. SSIS stands for_____.
2. SSDT stands for_____.
3. ETL stands for_____.

- Q.3(B) Attempt following. (Attempt any two) (06)
1. Explain SSIS tasks.
 2. Explain foreach loop container.
 3. Give the list of components of data flow task.
 4. give basic steps for creating package.
- Q.3(C) Attempt following. (Attempt any one) (05)
1. Explain control flow.
 2. Write a note on ETL process.
- Q.4(A) Attempt following questions. (03)
1. DQS stands for_____.
 2. DQAF stands for_____.
 3. What is data profiling?
- Q.4(B) Attempt following. (Attempt any two) (06)
1. Explain important of data quality.
 2. Explain invalid DQS.
 3. Draw a diagram for data matching in DQS.
 4. Explain data cleansing with example.
- Q.4(C) Attempt following. (Attempt any one) (05)
1. Difference between script task v/s component task.
 2. Explain data quality process with diagram.
- Q.5(A) Attempt following questions. (03)
1. SSAS stands for_____.
 2. SSRS stands for_____.
 3. BIML stands for_____ .
- Q.5 (B) Attempt following. (Attempt any two) (06)
1. What is deployment?
 2. What is data analysis ?
 3. What is data mining?
 4. Give the content of analysis service project folder.
- Q.5 (C) Attempt following. (Attempt any one) (05)
1. Explain business intelligence.
 2. Explain deployment process.
