BCA6SqlC320x   Seat No :_____
B.C.A Semester - 6 (*CBCS*) Examination
April/May-2022 (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.

Que-1(A)   Attempt the following.   (03)

     1.   What is data warehousing?

     2.   SOA stands for_____

     3.   Write full form of CRM.

Que-1(B)   Attempt the following (Any two)   (06)

     1.   What is data warehouse? How it is works?

     2.   Differentiate OLTP v/s OLAP.

     3.   Discuss types of data warehouse.

     4.   Define data cube, virtual warehouse and unstructured data.

Que-1(C)   Attempt the following (Any one)   (05)

     1.   Explain architecture of data warehouse.

     2.   Explain future trends of data warehouse.

Que-2(A)   Attempt the following.   (03)

     1.   How many fact tables are there in a star schema?

     2.   DMQL stands for_____

     3.   DM stands for_____

Que-2(B)   Attempt the following (Any two)   (06)

     1.   Write differences between fact table and dimension table.

     2.   Discuss logical design for data warehouse.

     3.   Explain snowflake schema.

     4.   Write a note on table space.

Que-2(C)   Attempt the following (Any one)   (05)

     1.   Explain star schema with example.

     2.   Explain physical design for data warehouse.

Que-3(A)   Attempt the following.   (03)

     1.   ETL stands for_____

     2.   SSIS stands for_____

     3.   Write full form of SSDT.

Que-3(B)   Attempt the following (Any two)   (06)

1. Explain SSIS task types.

2. Explain for loop container.

3. What is data flow and control flow in SSIS?

4. Discuss common sources and destination for the data flow.

Que-3(C)   Attempt the following (Any one)   (05)

1. Explain ETL process.

2. Explain foreach loop container.

Que-4(A)   Attempt the following.   (03)

1. DQS stands for_____

2. What is data cleansing?

3. DTS stands for_____

Que-4(B)   Attempt the following (Any two)   (06)

1. What is DQS? Explain.

2. Discuss the benefit of DQS knowledge base.

3. Explain SSIS custom component.

4. List features provided by DQS to resolve data quality issue.

Que-4(C)   Attempt the following (Any one)   (05)

1. Explain data quality service to match data.

2. Write differences between script task and script component in SSIS.

Que-5(A)   Attempt the following.   (03)

1. SSRS stands for_____

2. BIDS stands for_____

3. RDL stands for_____

Que-5(B)   Attempt the following (Any two)   (06)

1. Differentiate project deployment model v/s package deployment model.

2. Discuss data mining.

3. What is data analysis?

4. Write steps to add a chart to report.

Que-5(C)   Attempt the following (Any one)   (05)

1. Explain business intelligence in detail.

2. Write a note on planning of SSIS package execution.

****