B.Sc.(IT) Semester - 6 (*CBCS*) Examination
March/April -2019
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.

Question : 1 (A) Answer the following questions.   04
(1)   The data is stored, retrieved & updated in _____. (OLAP / OLTP)
(2)   Full form of CRM.
(3)   The Data Warehouse is _____ only. (Read / Write / Both)
(4)   Full form of SOA.

Question : 1 (B) Answer the following question. (any one)   02
(1)   What is Data Warehouse?
(2)   Difference between OLTP and DSS.

Question : 1 (C)Answer the following question. (any one)   03
(1)   Explain ETL Process.
(2)   Explain Fact table and Dimensional table.

Question : 1 (D)Answer the following question. (any one)   05
(1)   Discuss Data Flow Architecture of Data Warehouse.
(2)   Discuss: Today and Future Trends in Data Warehouse.

Question : 2 (A)Answer the following questions.   04
(1)   Star Schema also called Star _____.
(2)   Fact table contain only Numeric facts. (True / False)
(3)   A star schema has _____ type of relationship between a dimension and fact table.
(4)   _____ is a good alternative to the Star Schema.

Question : 2 (B) Answer the following question. (any one)   02
(1)   What is Lookup Table?
(2)   How is a data warehouse different from a database? How are they similar?

Question : 2 (C) Answer the following question. (any one)   03
(1)   Explain Logical model in Data Warehouse.
(2)   Explain Tables and Partitioned Tables.

Question : 2 (D) Answer the following question. (any one)   05
(1)   Discuss: Star Schema and Snowflake Structure in details.
(2)   Differentiate between Operational database systems and Data Warehouses.

Question : 3 (A) Answer the following questions.   04
(1)   Full form of ETL.
(2)   In SSIS, Extension of Packages is _____.
(3)   Full form of SSIS.
(4)   A flat file database stores data in plain text format. (True / False)

Question : 3 (B) Answer the following question. (any one)   02
(1)   Why do we need Data Integration?
(2)   What is Transformation in SSIS?

Question : 3 (C) Answer the following question. (any one)   03
(1)   Explain Control Flow in SSIS.
(2)   Explain Data Flow in SSIS.

Question : 3 (D) Answer the following question. (any one)   05
(1)   Discuss: SSIS Containers in details.
(2)   Explain Types of Enumerator in SSIS.

Question : 4 (A) Answer the following questions.   **04**
(1)   Full form of DQS.
(2)   Script Task is used in the Control Flow. (True / False)
(3)   Full form of MDS.
(4)   Full form of DTS.

Question : 4 (B) Answer the following question. (any one)   **02**
(1)   Explain DQS Cleansing.
(2)   Explain Knowledge Discovery.

Question : 4 (C) Answer the following question. (any one)   **03**
(1)   What are the different DQS Processes?
(2)   Difference between Script Task and Script Component.

Question : 4 (D) Answer the following question. (any one)   **05**
(1)   Explain DQS and Describe features of DQS.
(2)   Explain DQS Matching Process.

Question : 5 (A) Answer the following questions.   **04**
(1)   Extension of Reports is _____.
(2)   Full form of SSRS.
(3)   Each Cube has one or more Dimensions. (True / False).
(4)   SSIS was introduced for the first time in _____.

Question : 5 (B) Answer the following question. (any one)   **02**
(1)   Why we need SSIS?
(2)   What are the uses of Integration Services?

Question : 5 (C) Answer the following question. (any one)   **03**
(1)   Explain Package Deployment in SSIS.
(2)   Explain Cube with example.

Question : 5 (D) Answer the following question. (any one)   **05**
(1)   Explain Packages in details.
(2)   Explain Business Intelligence in details.

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