

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.	
