CONTINUOUS INTERNAL EVALUATION– 1

Dept: CSE	Sem / Div:6A&B	Sub: Data Mining and Data Ware housing	S Code:18CS641
Date:25/05/2021	Time:3.00-4.30 PM	Max Marks: 50	Elective: Yes

Note: Answer any 2 full questions, choosing one full question from each part.

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QN		Questions	Marks	RBT	COs
		PART A			
1	a	What is data warehouse? What are its key features? Differentiate between ODS and data warehouse.	10	L2	CO1
	b	Explain with neat diagram, a three tier data warehouse architecture.	10	L2	CO1
	c	Explain the major steps involved in ETL process.	5	L2	CO1
		OR			
2	a	With suitable examples explain star, fact constellations, snowflake schema for multidimensional data base.	10	L2	CO1
	b	Summarize various OLAP operations in the multidimensional data model.	10	L2	CO1
	c	Discuss various usage and trends in data warehouse.	5	L2	CO1
		PART B			
3	a	What is data cube measures? Explain the categorization of measures.	10	L2	CO1
	b	Identify the different indexing used for OLAP data with brief explanation.	10	L2	CO2
	c	Differentiate ROLAP, MOLAP and HOLAP.	5	L2	CO2
		OR			
4	a	What is metadata in data warehouse? What it contains?	10	L2	CO1
	b	Explain data cube computation and curse of dimensionality.	10	L2	CO2
	c	Explain efficient processing of OLAP queries..	5	L2	CO2

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HOD