	Reg.No			Reg.No		
Time	SNS COLLEGE OF TECHNOLOGY (Autonomous)  MCA- Internal Assessment –III (December 2022) Academic Year 2022-2023(ODD) / First Semester 19CAE730 NOSQL Database System : 1 <sup>1/2</sup> Hours  Maximum Mark	SNS COLLEGE OF TECHNOLOGY  (Autonomous)  MCA- Internal Assessment –III (December 2022)  Academic Year 2022-2023(ODD) / First Semester  19CAE730 NOSQL Database System  Time: 1 <sup>1/2</sup> Hours  Maximum Marks: 50				
Answer All Questions PART - A (5 x 2 = 10 Marks)			Answer All Questions PART - A (5 x 2 = 10 Marks)			
		CO	BL		CO	
1	What is a key value store?	CO4	R	1 What is a key value store?	CO4	
2	Define Query by data.	CO4	U	2 Define Query by data.	CO4	
3	List out the Features of Key value Store database.	CO4	U	3 List out the Features of Key value Store database.	CO4	
4	Recall Cypher.	CO5	R	4 Recall Cypher.	CO5	
5 Brief about Markov Chain.		CO5	U	5 Brief about Markov Chain.	CO5	
6	PART - B (2 x 13 = 26 Marks)  Elaborate the NoSQL database development tool and programming language.	C4	AN	PART - B (2 x 13 = 26 Marks)  Elaborate the NoSQL database development tool and programming language.  (Or)	CO4	
7	(Or)  (b) Compare Relational and Graph Modeling in detail.  Explain the Graph NoSQL databases using	CO5	AN	detail.  7 Explain the Graph NoSOL databases using	CO5	
	(a) Neo4.  (Or)  Summaries the Graph Data Model with neat diagram	CO4	U U	(Or) Summaries the Graph Data Model with neat	CO5	

## PART - C (1 X 14 = 14 Marks)

Analysis the Information Retails of Link CO4 8 (a) AN analysis Database.

BLR

U

U

U

U

AP

U

AN

U

(Or)

Analysis Link analysis algorithm with real time CO5 AN examples.

$PART - A (5 \times 2 = 10 \text{ Marks})$						
			CO	BL		
1	Wha	CO4	R			
2	Defi	CO4	U			
3	List	CO4	U			
4	Recall Cypher.			R		
5	Brief about Markov Chain.			U		
		<b>PART - B</b> $(2 \times 13 = 26 \text{ Marks})$				
6	(a)	Elaborate the NoSQL database development tool and programming language.	C4	AN		
		(Or)				
	(b)	Compare Relational and Graph Modeling in detail.	CO5	AN		
7	(a)	Explain the Graph NoSQL databases using Neo4.	CO4	U		
		(Or)				
	(b)	Summaries the Graph Data Model with neat diagram	CO5	U		
PART - C (1 X 14 = 14 Marks)						
8	(a)	Analysis the Information Retails of Link analysis Database.	CO4	AN		
		(Or)				
	(b)	Analysis Link analysis algorithm with real time examples.	CO5	AN		

	D. N.							
	Reg.No							
S.V.	SNS COLLEGE OF TECHNOLOGY		$\neg$					
50	$\mid \mathbf{B} \mid$							
22	MCA- Internal Assessment –III (December 2022)							
	Academic Year 2022-2023(ODD) / First Semester							
	19CAE730 NOSQL Database System	=0						
Time:	11/2 Hours Maximum Marks	s: 50						
Answer All Questions PART - A (5 x 2 = 10 Marks)								
		CO	BL					
1	Define the Multi operation Transaction.	CO4	U					
2	What is mean by Consistency?	CO4	U					
3	What is Graph database?	CO4	U					
4	List out the type of graph Data Model.	CO5	AN					
5	Define the Citation Analysis.	CO5	R					
	PART - B (2 x 13 = 26 Marks) Elaborate the following terms in detail							
	(a) 1 User Profiles 2 Preferences 3 Shopping Cart	CO4	IJ					

(a) 1. User Profiles, 2. Preferences, 3. Shopping Cart CO4

Data, and 4. Relationships among Data. (Or)

7

Explain the Property of Graph Model Graph CO<sub>5</sub> U (b) Analytics.

Discover the suitable use cases of Key-value CO4 AN (a) stores.

(Or)

Discussed the PageRank of the Link Analysis CO<sub>5</sub> AN Algorithm.

### PART - C (1 X 14 = 14 Marks)

8 Examine the Key-value Databases. CO4 AN (Or)

Identify the Real time Graph database CO<sub>5</sub> AN (b) Applications in Data modeling.

Reg.No



### SNS COLLEGE OF TECHNOLOGY

(Autonomous)

B

MCA- Internal Assessment –III (December 2022) Academic Year 2022-2023(ODD) / First Semester 19CAE730 NOSQL Database System

Time: 1<sup>1/2</sup> Hours **Maximum Marks: 50** 

# **Answer All Questions**

	$PART - A (5 \times 2 = 10 \text{ Marks})$		
		CO	BL
1	Define the Multi operation Transaction.	CO1	U
2	What is mean by Consistency?	CO1	U
3	What is Graph database?	CO1	U
4	List out the type of graph Data Model.	CO2	AN
5	Define the Citation Analysis.	CO2	R
6	PART - B (2 x 13 = 26 Marks) Elaborate the following terms in detail (a) 1. User Profiles, 2. Preferences, 3. Shopping Cart Data, and 4. Relationships among Data.  (Or)	CO4	U
	(b) Explain the Property of Graph Model Graph Analytics.	CO5	U
7	(a) Discover the suitable use cases of Key-value stores.	CO4	AN
	(Or)  (b) Discussed the PageRank of the Link Analysis Algorithm.	CO5	AN
	PART - C (1 X 14 = 14 Marks)		
8	(a) Examine the Key-value Databases. (Or)	CO4	AN
	(b) Identify the Real time Graph database Applications in Data modeling.	CO5	AN