



**SOMAIYA**  
VIDYAVIHAR UNIVERSITY

29/02/2024

<b>Semester: January 2024 – April 2024</b>		
<b>Maximum Marks: 30</b>	<b>Examination: In-Semester Examination</b>	<b>Duration :1.15hrs</b>
<b>Programme code: 04</b> <b>Programme: IT</b>	<b>Class: SY</b>	<b>Semester: II (SVU 2023)</b>
<b>Name of the Constituent College:</b> <b>K. J. Somaiya College of Engineering</b>		<b>Name of the department: IT</b>
<b>Course Code: 116U04C404</b>	<b>Name of the Course: Advanced Databases</b>	

<b>Question No.</b>		<b>Max. Marks</b>
Q1	Explain the Concurrency Control mechanism employed in Distributed Databases  <b>OR</b> Explain fragment and replicate join considering variants of it. Draw neat diagrams and give proper examples wherever required.	10
Q2	What is NOSQL database? Explain different types of NOSQL databases with suitable examples.	10
Q3	Explain data warehouse architecture with neat diagram and describe the mechanism of information flow.	10

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