



SOMAIYA
VIDYAVIHAR UNIVERSITY

Sy. Minors

Maximum Marks: 30 M		Semester: January 2022 – May 2022	
Duration :1 hr 15 min		Examination: In-Semester Examination	
Programme code: 01		Class: SY	Semester: IIII(SVU 2020)
Programme: Btech Computer Engineering			
Name of the Constituent College: K. J. Somaiya College of Engineering		Name of the department: COMP	
Course Code: 116m75C301		Name of the Course: Database Management Systems	

Question No.		Max. Marks	CO Mapped	BT Level
Q1	Construct an EER diagram for a hospital with set of patients and set of medical doctors. Also associated with each patient a record of various test and examination conducted	10 M	CO2	3
Q2	Explain conceptual database design and implementation process OR Explain the advantages of database approach .Also list the database users and elaborate the types of users .	10 M	CO1	1
Q3	For given database write Sql queries Employee(<u>eid</u> ,name,street,city) Works(<u>eid</u> , <u>cid</u> ,salary) Manager(<u>eid</u> ,manager_name) Company(<u>cid</u> ,company_name,city) a)Modify the database so that John lives in 'Newyork' b)Give all employees of 'ABC company ' a 10 % raise in salary c)Find names of all employees having i as second letter in their names. d) Find name,street and city of all employees who work for 'ABC ' and earn more than 20000.	10 M	CO2	4