



R20 Regulation

Subject code:3E6EA

TKR COLLEGE OF ENGINEERING AND TECHNOLOGY

(Autonomous, Accredited by NAAC with 'A+' Grade)

B.Tech VI Semester Supplementary Examinations, December 2024

ADVANCED DATABASES (CSE)

Maximum Marks: 70

Date:04.01.2025

Duration: 3 hours

- Note:
- 1.This question paper contains two parts A and B.
 2. Part A is compulsory which carries 20 marks. Answer all questions in Part A.
 3. Part B consists of 5 Units. Answer any one full question from each unit which carries 10M.
 4. Each question carries 10 marks and may have a, b, c, d as sub questions.

Part-A

All the following questions carry equal marks (10X2M=20) Marks)		CO	Bloom Tx
1	What is data server?	1	L1
2	Write about design of parallel systems with example.	1	L1
3	Define structured data type.	2	L1
4	Write about structure of XML?	2	L1
5	Define page rank.	3	L1
6	Define popularity ranking.	3	L1
7	What is meant by spatial database.	4	L1
8	What is ecommerce.	4	L1
9	Define SQL.	5	L1
10	What is Public Key Infrastructure?	5	L1

Part-B

Answer All the following questions. (5X10M=50Marks)		CO	Bloom Tx
11	Discuss briefly what is intra and interoperation parallelism. [10M]	1	L2
OR			
12	A) Explain briefly about data base system architecture. [6M] B) Write a short notes query parallelism. [4M]	1	L2
13	A) Discuss about structured types and inheritance in SQL, with an example. [6M] B) Write a short note on table inheritance. [4M]	2	L2
OR			
14	A) Describe xml document schema with appropriate examples. [5M] B) Explain about array and multi set types in SQL. [5M]	2	L2
15	A) Discuss relevance ranking using terms? [5M] B) Write a shot notes on indexing of documents? [5M]	3	L2
OR			

16	Discuss briefly about Directories and categories in information retrieval systems. [10M]	3	L2
17	Discuss about other issues in application development. [10M]	4	L2
	OR		
18	Explain about indexing and spatial data. [10M]	4	L2
19	Explain briefly about SQL injection. [10M]	5	L2
	OR		
20	Explain about security issues in Database security. [10M]	5	L2