



Q4	Explain how the Traditional Web Server Model handles incoming requests compared to the Node.js Process Model. What are the implications of these differences on performance	4	CO1
Q5	What are the key steps involved in setting up a MongoDB database? List them in order.	4	CO3
<b>SECTION B</b> <b>(4Qx10M= 40 Marks)</b>			
Q6	Write a program to create and destroy the session in Node.js. <b>Note:</b> The program should include comments to describe each part of the code properly.	10	CO1
Q7	Explain the concepts of concurrency control and recovery in distributed databases with example.	10	CO3
Q8	Discuss the four main principles of object-oriented programming (OOP): Encapsulation, Abstract, Inheritance, and Polymorphism with examples.	10	CO1
Q9	Examine the differences between client-server distributed database systems and peer-to-peer distributed database systems.	10	CO2
<b>SECTION-C</b> <b>(2Qx20M=40 Marks)</b>			
Q10	Write a program to create an application for a shopping center with all the facilities like add an item, delete an item, update an item detail, stock report, sale etc.	20	CO3
Q11	Create an application to fetch data from csv file and populate a graph using SVG and D3.	20	CO3