

Dr. J. J. Magdum College of Engineering

Information Technology [2024-25]

Mobile computing

Subject : [IT702] Mobile Computing - Theory Faculty : Namita Kathali

Year : Final Year - SEM-VII Marks : 30 Date : 16 August, 2024 Duration : 60 Minutes

1.All questions are compulsory.

2.Figures to right indicate marks.

Sr.No.	Question	Marks	Course Outcome	Blooms Level
1	Q.1 a) Explain the application of wireless communication.	7		Evaluate, Understand
2	Q. 1 b) Discuss frequency of radio transmission in detail.	7		Evaluate
3	Q. 2 a) Write short notes on	10		Evaluate
	1. Signal in wireless communication.			
	2. Modulation			
3	Q. 2 b) What is mobile computing? Explain a market for mobile communication.	6		Evaluate, Apply, Understand
	OR			
	Explain different types of Antenna used in mobile communication.			

Dr. J. J. Magdum College of Engineering

Information Technology [2024-25]

CIE II

Subject : [PCE-IT704] Data Science - Theory Faculty : SADHANA CHOUGULE Batch : No data available

Year : Final Year - SEM-VII Marks : 30 Date : 1 October, 2024 Duration : 60 Minutes

1. All questions are compulsory.

2. Figures to right indicate write marks.

Sr.No.	Question	Marks	Course Outcome	Blooms Level	Performance Indicator
Q 1	a) What is data visualization? Explain any two type of chart/Plot.	7	CO4	Create	
	b) List the applications of data science	7	CO4	Apply	
Q 2	a) Note on (5 Marks Each)	10	CO4	Understand	
	i) Data science & AI				
	ii) Descriptive Statistics				
	b) How to display image or list of images one by one.	6	CO4	Create	
	or				
	b) Explain Bar Plot with example?				

Dr. J. J. Magdum College of Engineering

Information Technology [2024-25]

CIE II Advance Database System

Subject : [PCC-IT 703] Advanced Database system - Theory

Faculty : SEEMA BANDGAR

Year : Final Year - SEM-VII

Marks : 30

Date : 1 October, 2024

Duration : 60 Minutes

Instructions:

1. All questions are compulsory.
2. Figures to right indicate write marks.

Sr.No.	Question	Marks	CO	Blooms Level
Qu. 1				
a	Explain Parallel database and architecture of it	7	1	Evaluate, Analyze, Understand
b	Explain k-means Algorithm.	7	1	Evaluate, Analyze, Understand
Qu. 2				
a	Write short notes on (Each 5)	10	2	Evaluate, Apply, Understand
	1. Explain DBMS architecture			
	2. Explain Data warehouse.			
b	Explain OLAP.	6	2	Create, Analyze, Understand
	OR			
	Explain information retrieval			



Dr. J. J. Magdum College of Engineering

Information Technology [2024-25]

Continuous Internal Evaluation-II

Subject : Distributed Computing - Theory Faculty : PRANOTI TAMGAVE

Year : Final Year - SEM-VII Marks : 30 Date : 30 September, 2024 Duration : 60 Minutes

Instructions:

1. All questions are compulsory.
2. Figures to right indicate write marks.

Sr.No.	Question	Marks	Course Outcom	Blooms Level	Performance Indicator
1	All questions are compulsory				
1.1	What is clock synchronization?& How computer clocks are implemented? explain issues of clock synchronization.	7	CO2	Understand, Remember	
1.2	Explain Election Algorithm, Bully algorithm and A Ring algorithm	7	CO3, CO4	Apply, Remember	
2	All questions are compulsory				
2.1	Write short notes on(Each 5) 1. Mutual Exclusion 2. Thread Models	10	CO3, CO5	Understand	
2.2	Enlist & Explain design and implementation Issues of DSM OR Enlist & explain features of scheduling algorithm	6	CO4, CO5	Apply, Understand, Remember	