

MGMU JNEC, ChhSambhajinagar
CA-II (2023-24) Part-II

Class: FYMCA
Subject: DWDM

Department: MCA
Date: 03/04/2024

Max. Marks: 10
Time: 45 Min

Note: Attempt any 2 questions. Each question carries 5 marks

Sr. No	Question	Marks	C O	BL
1	What is classification? What are the issues regarding classification and prediction?	5	3	2
2	Explain Decision Tree classification with example.	5	3	2
3	Explain Bayes classification.	5	3	2
4	Find the frequent itemset of given transaction $\{(A, C, D), (B, C, E), (A, B, C, E), (B, E)\}$ for $\text{min_sup}=2$. Generate the association rule of frequent itemset with confidence	5	3	3

*** END***

MGMU JNEC, Chh. Sambhajinagar
MCA DEPT
CA-II (2023-24) Part-II

Class: FYMCA
Subject: Agile Software Development
Date : 3/04/2024

Max Marks: 10
Duration: 45 Min.

Solve any 2 questions.
Each question carries 5 mark

Sr. No	Question	Marks	CO	BL
Q.1	Write down the agile Testing principles	5	CO1	BL2
Q.2	Explain the Test driven development and behavior driven Development.	5	CO1	BL2
Q.3	Discuss the significance of testing in Quality assurance.	5	CO1	BL2
Q.4	Explain the role of risk management in quality assurance	5	CO1	BL2

Jawaharlal Nehru Engineering College, Aurangabad
MGM University
CA II – 2023-24

Course: FYMCASem: II

Subject Name: Basic Cloud Computing Essentials

Max Marks: 10

Date:- 04/04/2024

Subject Code: 20PMC206E

Duration:- 45Min.

Q. No.	Question	Course Outcome	BT Level	Marks
1	Attempt any one question. 1. What is vulnerability assessment? What are types of vulnerability assessment? 2. How cloud identity management is beneficial? Explain.	CO-4	1,2	(1*4) = 4 Marks)
2	Attempt any one question. 1. What are data security risks in cloud computing? 2. What are various domains where cloud computing can be used?	CO-4	1, 2	(1* 4= 4 Marks)
3	Attempt any one of the following. 1. What is need of Mobile cloud? 2. Explain cloud security solutions.	CO-4	1	(1* 2 = 2 Marks)

MGM University

Jawaharlal Nehru Engineering College, Aurangabad.

CA-2 – Apr 2024 Academic Year 2023-24

Course – MCA

SEM – II

Subject Name : Machine Learning using Python

Subject Code : 20PMC204E

Max Marks : 10

Date : 04-Arp-2024

Duration : 45 Mins

Instructions to the Students:

1. Solve any two
2. Draw neat and clean diagram wherever necessary.

Sr.No.	Questions	CO	BL	Marks
Q1.	Explain Genetic algorithm with example.	CO3	BL2	(5)
Q2.	What are the different types of Ensemble learning? Explain any one.	CO3	BL2	(5)
Q3.	Write a short note on any one: 1. Performance of stump 2. Stacking	CO3	BL2	(5)

15 MAY 2024 / FY/MCA/23-24/P2/CA-2

Mahatma Gandhi Mission University, Aurangabad
CA-2 Examination – April 2024

Course: MCA

Sem: II

Subject Name: Cloud Security & Migration

Subject Code: 20PMC210E

Max Marks: 10

Date:-04-04-24

Duration:- 45 Min.

Instructions to the Students: All questions are compulsory.

		CO	BL	Marks
Q.1	Solve Any Two of the following.(5 marks each)			5 X 2=10
(A)	Explain Cloud computing security architecture	1,4	2	
(B)	Installing cloud platform and performance evaluation	2	3	
(C)	Explain Apache virtual computing Lab (VCL)	2	2	

15 MAY 2024 / Fy / MCA / 23-24 / P2 / CA-2

Jawaharlal Nehru Engineering College, Aurangabad
MGM University
CA II – 2023-24

Course: FYMCASem: II

Subject Name: Data Science and Visualization Subject Code: 20PMC208E

Max Marks: 10

Date:- 04/04/2024

Duration:- 45Min.

Q.No.	Question	Course Outcome	BT Level	Marks
1	Attempt any one question. 1. How Support Vector Machine algorithm can be used to classify data? Explain. 2. What is conditional probability? Explain with one example.	CO-3	2	(1*4) = 4 Marks)
2	Attempt any one question. 1. What is encoding data? How ordinal encoding is done on the data. 2. What are different categories of charts used for visualization? Explain one example of each category.	CO-3	2	(1* 4= 4 Marks)
3	Attempt all of the following. 1. Which of the following methods we use to find the best fit line for data in Linear i)Maximum Likelihood ii)Least Square Error iii) Logarithmic Loss iv)Both i and ii 2. Data visualization tools provide an accessible way to see and understand in data. i)Trends ii)Outliers iii)Patterns iv)All of mentioned	CO-3	1	(2* 1 = 2 Marks)