

MGMU JNEC, Chh Sambhajinagar

CA-I (2023-24) Part-II

Department: MCA

Date: 02/02/2024

Max. Marks: 10

Time: 45 Min

Class: FYMCA

Subject: DWDM

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

Sr. No	Question	Marks	CO	BL
1	Draw and Explain Data Warehouse Architecture.	5	CO1	BL2
2	Explain Data Cleaning Process in detail	5	CO1	BL2
3	Find Min-Max normalization of given data (6,10,15,18,12)	5	CO1	BL3

*** END***

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

Class: FYMCA
Subject: Agile Software Development
Date : 2/01/2024

Max Marks: 10
Duration: 45 Min.

Solve any 2 questions. Each question carries 5 marks				
Sr. No	Question	Marks	CO	BL
Q.1	Define Agile methodology concept with agile development Life cycle.	5	CO1	BL2
Q.2	What is scrum? Explain the values of scrum.	5	CO1	BL1
Q.3	Write Difference between XP and scrum.	5	CO1	BL2
Q.4	What is sprint? Explain the following term 1) sprint planning 2)Sprint backlog	5	CO2	BL2

Mahatma Gandhi Mission University, Aurangabad.

CA-1 – Feb 2024

Course – MCA

Subject Name : Machine Learning using Python

Max Marks : 10

Date : 03-Feb-2024

SEM – II

Subject Code : 20PMC204E

Duration : 45 Min

Instructions to the Students :

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

		CO	BL	Marks
Q1.	What is Machine Learning? Write its applications.	CO1	BL2	(5)
Q2.	Explain supervised machine learning and its type with an example and suitable diagram.	CO1	BL2	(5)
Q3.	Explain Vapnik-Chervonenkis Dimension with suitable diagram.	CO1	BL2	(5)

Attempt any one of the following

Total Experience 35 Years, 5 Months, 24 Days
MH12, JNEC, Associate Professor, Aurangabad
3 Years, 11 Months, 28 Days

11 MAR 2024 / FY / MCA / CA - I / II / 23-24 / MCA

Jawaharlal Nehru Engineering College, Aurangabad

MGM University

CA I - 2023-24

Course: FYMCA

Subject Name: Basic Cloud Computing Essentials

Max Marks: 10

Date:- 03/02/2024

Sem: II

Subject Code: 20PMC206E

Duration:- ~~1 Hr.~~ 45 min

Q. No.	Question	Course Outcome	BT Level	Marks
1	Attempt any one question. 1. What are different features which make cloud as demanding field? 2. How cloud computing evolved? Explain in brief.	CO-1	1,2	(1*4) = 4 Marks
2	Attempt any one question. 1. What are various services available in cloud computing? Explain its use. 2. Describe Service Oriented architecture with diagram.	CO-1	1, 2	(1* 4= 4 Marks)
3	Attempt any one of the following. 1. What is community cloud? Explain with one example. 2. State names of five cloud service providers	CO-1	1	(1* 2 = 2 Marks)

11 MAR 2024 / FY/MCA / CA-I / II / 23-24 / MCA

Jawaharlal Nehru Engineering College, Aurangabad

MGM University

CA II – 2022-23

Course: FYMCA

Subject Name: Data Science and Visualization

Max Marks: 10

Date:- 29/04/2023

Sem: II

Subject Code: 20PMC208E

Duration:- 1 Hr.

Q. No.	Question	Course Outcome	BT Level	Marks
1	Attempt any one question. 3. What is encoding data? How ordinal encoding is done on the data. 4. Explain effect encoding with one example.	CO-3	1,2	(1*4) = 4 Marks)
2	Attempt any one question. 3. Explain any three types of visualization ways to present numeric type of data. 4. What are different categories of charts used for visualization? Explain one example of each category.	CO-3	1, 2	(1* 4= 4 Marks)
3	Attempt all of the following. 3. Which method shows hierarchical data in a nested format? i)Treemap ii)Scatter Plot iii) Population Pyramid iv)Area Charts 4. 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)

Mahatma Gandhi Mission University, Aurangabad

CA-1 Examination – Feb 2024

Course: MCA

Sem: II

Subject Name: Cloud Security & Migration

Subject Code: 20PMC210E

Max Marks: 10

Date:-03-02-24

Duration:- 45 Min.

Instructions to the Students: All questions are compulsory.

		CO	BL	Marks
Q. 1	Write answers for the following.(1 mark each)			1*4=4
	1. Define authentication & authorization	1	1	
	2. I am using my password means which type of authentication I am using? a)What you know b) What you have c)What you are d) Where you are	1	2	
	3. Define Multifactor authentication	1	2	
	4. In which language IAM policy documents are written? A) Node.JS B) Python C) JSON D) JAVA	1	2	
Q.2	Solve Any Two of the following.(3 marks each)			3 X 2=6
(A)	Explain Network level infrastructure security	1	2	
(B)	Explain Host level infrastructure security	2	2	
(C)	Explain SAML protocol in case of IAM	2	2	