

MGM University's
Jawaharlal Nehru Engineering College, Ch. Sambhajinagar
Continuous Assesment-1

Program: TY B.Tech (CSE)

Sem: VI

Subject: Artificial Intelligence (20UCS602D)

Date :02/02/2024

Max Marks: 10

Duration: 1 Hr

	Attempt ANY TWO questions	CO	B.L.	Marks
Q.1	What is an artificial intelligence agent? Explain in detail.	CO1	1	5M
Q.2	What is artificial intelligence, and how does it differ from traditional computer programming?	CO1	1	5M
Q.3	What is artificial rationality, and how does it differ from human rationality?	CO1	1	5M

MGM University's
Jawaharlal Nehru Engineering College, Ch. Sambhajinagar
Continuous Assesment-1

Program: TY B.Tech (CSE)

Sem: VI

Subject: Artificial Intelligence (20UCS602D)

Date :02/02/2024

Max Marks: 10

Duration: 1 Hr

	Attempt ANY TWO questions	CO	B.L.	Marks
Q.1	What is an artificial intelligence agent? Explain in detail.	CO1	1	5M
Q.2	What is artificial intelligence, and how does it differ from traditional computer programming?	CO1	1	5M
Q.3	What is artificial rationality, and how does it differ from human rationality?	CO1	1	5M

MGM University's
Jawaharlal Nehru Engineering College, Ch. Sambhajinagar
Continuous Assesment-1

Program: TY B.Tech (CSE)

Sem: VI

Subject: Artificial Intelligence (20UCS602D)

Date :02/02/2024

Max Marks: 10

Duration: 1 Hr

	Attempt ANY TWO questions	CO	B.L.	Marks
Q.1	What is an artificial intelligence agent? Explain in detail.	CO1	1	5M
Q.2	What is artificial intelligence, and how does it differ from traditional computer programming?	CO1	1	5M
Q.3	What is artificial rationality, and how does it differ from human rationality?	CO1	1	5M

MGM University's
Jawaharlal Nehru Engineering College, Ch. Sambhajinagar
Continuous Assesment-1

Program: TY B.Tech (CSE)

Sem: VI

Subject: Artificial Intelligence (20UCS602D)

Date :02/02/2024

Max Marks: 10

Duration: 1 Hr

	Attempt ANY TWO questions	CO	B.L.	Marks
Q.1	What is an artificial intelligence agent? Explain in detail.	CO1	1	5M
Q.2	What is artificial intelligence, and how does it differ from traditional computer programming?	CO1	1	5M
Q.3	What is artificial rationality, and how does it differ from human rationality?	CO1	1	5M

Handwritten signature
 21/Jan/24

11 MAR 2024 / TY / CSE / CA-I / II / 23-24 / CSE

MGM UNIVERSITY, AURANGABAD

**Department of Computer Science & Engineering
CA-1 Examination –2024**

Course: B. Tech CSE

Semester: VI

Subject Name: Digital Image Processing

Subject Code: 20UCS603D

Max Marks: 10

Date:02 /02/2024

Duration: - 45 min.

Instructions to the Students: 1. **Attempt any 1 question from question Q1 (5 Marks each).**
2. **Attempt any 1 question from question Q2 (5 Marks each).**

Q1	Attempt any one questions.	Marks	CO	BT Level
(i)	Explain image digitization processes and components of Digital Image Processing.	5	CO1	3
(ii)	Compute D4,D8 and DM distance between pixels P and Q for $V=\{0,1\}$ and for $V=\{1,2\}$ for the given image segment. <div style="display: inline-block; vertical-align: middle; margin-left: 20px;"> </div>	5	CO1	3
Q2	Attempt any one question.	Marks	CO	BT Level
(i)	An image segment of 4x4 size is shown. Perform the following operations i) Image Negative ii) Bit plane slicing iii) Contrast stretching with $r1=3, r2=5, s1=2$ and $s2=6$ <div style="display: inline-block; vertical-align: middle; margin-left: 20px;"> </div>	5	CO2	3
(ii)	For the above-mentioned Q2 (i) image, perform i) Intensity level slicing with and without background with $r1=2$ and $r2=5$ ii) Thresholding with $T=4$ iii) Power law transformation with $\gamma=0.4$	5	CO2	3

MGM UNIVERSITY, AURANGABAD

**Department of Computer Science & Engineering
CA-1 Examination –2024**

Course: B. Tech CSE

Semester: VI

Subject Name: Digital Image Processing

Subject Code: 20UCS603D

Max Marks: 10

Date:02 /02/2024

Duration: - 45 min.

Instructions to the Students: 1. **Attempt any 1 question from question Q1 (5 Marks each).**
2. **Attempt any 1 question from question Q2 (5 Marks each).**

Q1	Attempt any one questions.	Marks	CO	BT Level
(i)	Explain image digitization processes and components of Digital Image Processing.	5	CO1	3
(ii)	Compute D4,D8 and DM distance between pixels P and Q for $V=\{0,1\}$ and for $V=\{1,2\}$ for the given image segment. <div style="display: inline-block; vertical-align: middle; margin-left: 20px;"> </div>	5	CO1	3
Q2	Attempt any one question.	Marks	CO	BT Level
(i)	An image segment of 4x4 size is shown. Perform the following operations i) Image Negative ii) Bit plane slicing iii) Contrast stretching with $r1=3, r2=5, s1=2$ and $s2=6$ <div style="display: inline-block; vertical-align: middle; margin-left: 20px;"> </div>	5	CO2	3
(ii)	For the above-mentioned Q2 (i) image, perform i) Intensity level slicing with and without background with $r1=2$ and $r2=5$ ii) Thresholding with $T=4$ iii) Power law transformation with $\gamma=0.4$	5	CO2	3

MGM JNEC				
Course: T. Y. I,II & III			Sem: VI	
Subject Name: DevOps Tools & Techniques			Exam : CA 1	
Max Marks: 10		Date:-	Duration:- 1 Hr.	
Q N o		C O	BT leve l	Marks
1	a. Compare and contrast CVCS with DVCS? OR b. Describe the concept of branching and merging with the neat diagram and GIT commands?.	1	1	5
2	a. Explain the build process with neat diagram? OR b. Describe Maven Repository with neat diagram? OR c. Write short note on POM.XML file?	1	2	5

MGM JNEC				
Course: T. Y. I,II & III			Sem: VI	
Subject Name: DevOps Tools & Techniques			Exam : CA 1	
Max Marks: 10		Date:-	Duration:- 1 Hr.	
Q N o		C O	BT leve l	Marks
1	c. Compare and contrast CVCS with DVCS? OR d. Describe the concept of branching and merging with the neat diagram and GIT commands?.	1	1	5
2	d. Explain the build process with neat diagram? OR e. Describe Maven Repository with neat diagram? OR f. Write short note on POM.XML file?	1	2	5

MGM University
Jawaharlal Nehru Engineering College, Aurangabad.

CLAS TEST – I (Academic Year 2023-24)

Course: TY B.Tech

Part: II

Subject Name: Accounts and Financial Management

Subject Code: 20UCS607N

Max Marks: 10

Date: 21/02/2024

Time: 45 mins

	Note: 1) Each question carries five marks. 2) Solve any two questions	CO	BL
Q1.	Explain the functions and importance of RBI .	1	L-1
Q2.	Discuss the instruments of monetary policies .	1	L-1
Q3.	Explain the types of Banking and their functions. .	1	L-1

MGM University
Jawaharlal Nehru Engineering College, Aurangabad.

CLAS TEST – I (Academic Year 2023-24)

Course: TY B.Tech

Part: II

Subject Name: Accounts and Financial Management

Subject Code: 20UCS607N

Max Marks: 10

Date: 21/02/2024

Time: 45 mins

	Note: 1) Each question carries five marks. 2) Solve any two questions	CO	BL
Q1.	Explain the functions and importance of RBI .	1	L-1
Q2.	Discuss the instruments of monetary policies .	1	L-1
Q3.	Explain the types of Banking and their functions.	1	L-1

11 MAR 2024/TY/CSE/CA-II/23-24/II/CSE