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 What is an artificial intelligence agent? Explain in detail. Q.1 CO1 1 5M What is artificial intelligence, and how does it differ from traditional computer Q.2 CO1 1 5M programming? What is artificial rationality, and how does it differ from human rationality? Q.3 CO1 1 5M

	MGM University's Jawaharlal Nehru Engineering College, Ch. Sambhaji Continuous Assesment-1	inagar		92	
, ub	ject: Artificial Intelligence (20UCS602D) Marks: 10 Du	m: VI Pate :02/02/ 2 ration: 1 Hr	2024		
	Attempt ANY TWO questions		со	B.L.	Marks
Q.1	What is an artificial intelligence agent? Explain in detail		01	1	5M
Q.2	What is artificial intelligence, and how does it differ from traditional computer programming?	iter C	01	1	5M
Q.3	What is artificial rationality, and how does it differ from human rationality?	C	01	1	5M

	MGM University's Jawaharlal Nehru Engineering College, Ch. Sambhajin Continuous Assesment-1	agar	10	
	gram: TY B.Tech (CSE)	: VI	7920	
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Max	Marks: 10 Dura	tion: 1 Hr		
E .	Attempt ANY TWO questions	CO	B.L.	Marks
Q.1	What is an artificial intelligence agent? Explain in detail.	CO1	1	5M
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	MGM University's Jawaharlal Nehru Engineering College, Ch. Samb Continuous Assesment-1	bhajinagar		
Sub	gram: TY B.Tech (CSE) ject: Artificial Intelligence (20UCS602D) Marks: 10	Sem: VI Date:02/02/2024 Duration: 1 Hr	e ₁₇	E .
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Q.3	What is artificial rationality, and how does it differ from human rational	lity? CO1	1	- 5M

1 1 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. 1 0 1 2 0 2 0 2 1 2 1 1 3 1 2 1 1 3 1 2 1 1	5	CO1	3
Q2	Attempt any one question.	Marks	СО	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	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 .

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ii CSE

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Q1	Attempt any one questions.			Marks	CO	BT Level	
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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	0 6 1 3	3 5 7 7	5 2 2 1 4 6 4 0	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	5	CO2	3

		MGM JNEC			
Cour	se: T.	Y. I,II & III	em: VI		
Subje	ect Ņar	ne: DevOps Tools & Techniques Exa	ufi : CA	1	
	Marks	: 10 Date:-		Duratio	n:- 1 Hr.
Q N o			C	BT levé	Marks
1	a.	Compare and contrast CVCS with DVCS? OR	1	1	5
	b.	Describe the concept of branching and merging with the neat diagram and GIT commands?.		-	
2	a.	The state of the s	1	2	5
	b.	Describe Maven Repository with neat diagram?			

	MGM JNEC			
Cour	rse: T. Y. I ,II & III	Sem: VI		
Subje	ect Name: DevOps Tools & Techniques .	Exam : CA	1	
	Marks: 10 Date:-	82 82	Duratio	n:- 1 Hr.
Q N o		C	BT leve	Marks
1	c. Compare and contrast CVCS with DVCS? OR	1	1	5
	d. Describe the concept of branching and merging wi neat diagram and GIT commands?.	th the		
2	d. Explain the build process with neat diagram? OR	1	2	5
	 e. Describe Maven Repository with neat diagram? OR 			
	f. Write short note on POM.XML file?			

c. Write short note on POM.XML file?

MGM University

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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	СО	BL
Q1.	Explain the functions and importance of RBI.	1	L-1
Q2.	Discuss the instruments of monitary policies .	1	L-1
Q3.	Explain the types of Banking and their functions.	1	L-1

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