

Semester: January 2025-April 2025 Maximum Marks: 30 Examination: Re- In-Semester Examination Duration: 1:15hrs Programme code: 01 Semester: Class: TY Programme: Computer Engineering VI (SVU 2020) Institute/School/ Department: Name of the department: K. J. Somaiya School of Engineering Computer Engineering Course Code: 2UCC603 Name of the Course: Artificial Intelligence

OI DE TIDE	Marks		
Q1 Define Turing Test. Define Rational agent. Justify wh rationally has been accepted as intelligent agent approach OR	y Acting 1+1+3	COI	UN
Discuss any 3 major limitations of Al.	05	COL	UN
Consider an agent that plays a game of Ludo with users mode. The users can choose their level of expertise as intermediate and expert. The game ends with a declarate has won the game and score based on how well the use agent) has played the game. The agent is designed to game as far as possible, but still it loses the game sometic	beginner, on of who er (not the o win the	COL	RM AL
A, state and justify (in 1-2 lines) any five properties environment for such as agent.			
B. Suggest and justify appropriate agent archite designing this solution. Draw the block diagram(s example contents for all blocks in the diagram.			
Consider the following set of statements. Convert the order logic. a. All students who submit assignments or eligible for extra credit. b. Anyone who is eligible for extra credit car bonus workshop. c. Alice is a student and submitted her assitime. d. Bob is a student but did not submit his assitime. e. Charlie is a student and submitted his assignments or eligible for extra credit car bonus workshop. c. Alice is a student and submitted her assitime. e. Charlie is a student and submitted his assignments or eligible for extra credit. b. Anyone who is eligible for extra credit car bonus workshop. c. Alice is a student and submitted his assignments or eligible for extra credit. b. Anyone who is eligible for extra credit car bonus workshop. c. Alice is a student and submitted her assignments or eligible for extra credit car bonus workshop using resulting. Prove: Alice can attend bonus workshop using chaining Note: a. Add additional knowledge if needed, convented and/or CNF as needed before using it.	n time are n attend the ignment on signment on nment late. olution g backward	CO3	AP.Af