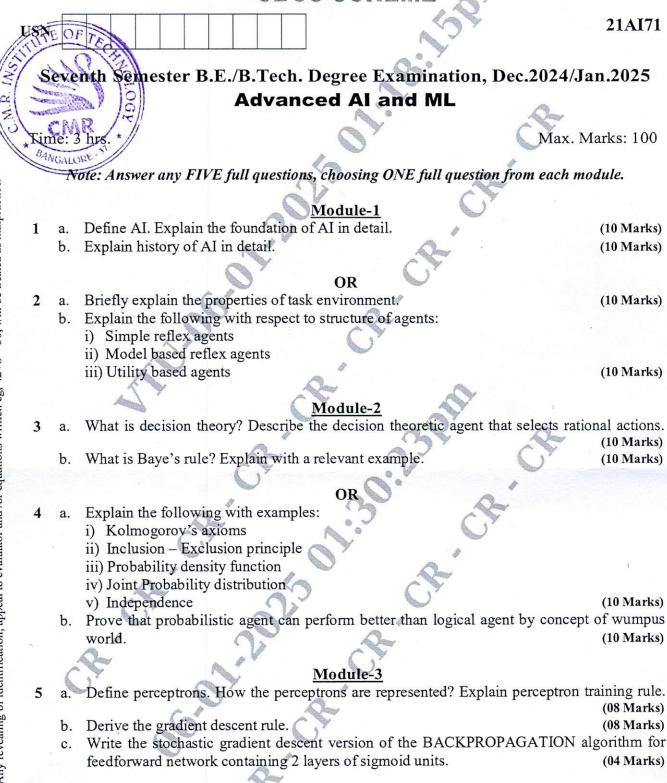
CBCS SCHEME



OR

Write the prototypical genetic algorithm.

(05 Marks)

Explain the different operators with relevant bit strings.

(06 Marks)

Illustrate program tree representation in genetic programming. Explain block stacking (09 Marks) problem.

2. Any revealing of identification, appeal to evaluator and /or equations written eg, 42+8 = 50, will be treated as malpractice. Important Note: 1. On completing your answers, compulsorily draw diagonal cross lines on the remaining blank pages.

		Module-4	
7	a.	What is association rule mining? Explain support, confidence and lift.	(10 Marks)
	b.	What is collaborative filtering? Explain the types.	(10 Marks)
	200		
		OR	
8	a.	What is BOW model? What are the 3 ways to identify the importance of wo	rds in BOW
Ü		model?	(08 Marks)
	b.	Explain Naïve – Baye's model for sentiment classification.	(08 Marks)
		Brief stemming and lemmatization process.	(04 Marks)
	c.	Brief stellining and telliniatization process.	
		Module 5	
_		Module-5 Miles are the different types of clustering?	(06 Marks)
9	a.	Define Clustering. What are the different types of clustering?	(08 Marks)
	b.	Explain k-medoids clustering with relevant example.	
	c.	Write the k-nearest neighbor algorithm using voronoi diagram.	(06 Marks)
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		OR CMRIT LIBRARY	
10	a.	Explain distance weighted Nearest neighbor algorithm. BANGALORE - 560 037	(05 Marks)
	b.	Derive and explain locally weighted Linear Regression.	(10 Marks)
	c.	- · a	(05 Marks)

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