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QUESTIONS		Marks
1)	<p>a) Consider the following Sentences</p> <ul style="list-style-type: none"> i) John like all kind of food. ii) Apples are food. iii) Chicken is food. iv) Anything any one eats and isn't killed by is food. v) Bill eats peanuts and is still alive. vi) Sue eats everything Bill eats. <p>Translate these sentences into formula in predicate logic.</p> <p>b) Differentiate between universal and existential quantifiers.</p>	<p>7</p> <p>3</p>
2)	How many types of agents are there in Artificial Intelligence? Also explain how can we improve agent performance?	10
3)	Briefly describe what is uninformed and informed search? Name examples of uninformed and informed search strategies in lists and trees?	10
4)	Draw and explain the architecture of convolutional neural network .	10
5)	Name and describe the main features of Genetic Algorithms.	10
6)	Differentiate between propositional and predicate logic.	10
7)	Briefly explain the different steps involved in Natural Language processing?	10