

GLS UNIVERSITY
Faculty of Computer Applications & Information Technology
Integrated MCA
Semester-V
222301505 ARTIFICIAL INTELLIGENCE
Unit 4 Assignment

Q-1	Do as directed:
1.	_____ knowledge is a simple facts about any organization or phenomenon.
2.	In _____ type of knowledge, facts are represented in tabular form.
3.	_____ is a domain independent knowledge.
4.	Production rules system consist of condition and action pairs.
5.	_____ logic is the simplest form of logic where all the statements are made by propositions.
6.	Define: Well Formed Formula.
7.	A _____ is the basic building block of logic.
Q-2	Write a note:
1.	Explain types of Knowledge.
2.	Write a note on Knowledge representation.
3.	Explain Logic Connectives.
4.	Explain prolog program for below: <ul style="list-style-type: none"> • Raju and mahesh are friends. • Sonu is a singer. • 5 is an odd number.
5.	Translate the following sentences into propositional forms and prepare truth tables for the same: <ol style="list-style-type: none"> a. If it is not raining and I have time, then I will go to a movie. b. I will go to a movie, if and only if I have the time. c. I will go to a movie if it is not raining or I have time. d. I will not go to a movie only if it not raining.