Q.1	Write the different Issues in Knowledge Representation.	5
Q.2	Write the inference rules of resolution in Propositional logic consider following facts: 1. The humidity is high or the sky is cloudy. 2. If the sky is cloudy, then it will rain. 3. If the humidity is high, then it is hot. 4. It is not hot. Goal: It will rain. Use propositional logic and apply resolution method to prove that the goal is derivable from the given knowledge base.	5
Q.3	Consider the following facts: 1. Marcus was a man. 2. Marcus was a Pompeian. 3. Marcus was born in 40 A.D. 4. All men are mortal. 5. All Pompeians died when the volcano erupted in 79 A.D. 6. No mortal lives longer than 150 years. 7. It is now 2016. 8. Alive means not dead. 9. If someone dies, then he is dead at all later times. Convert these facts in predicate logic and CNF form and prove that " Is Marcus alive?" using resolution.	10

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