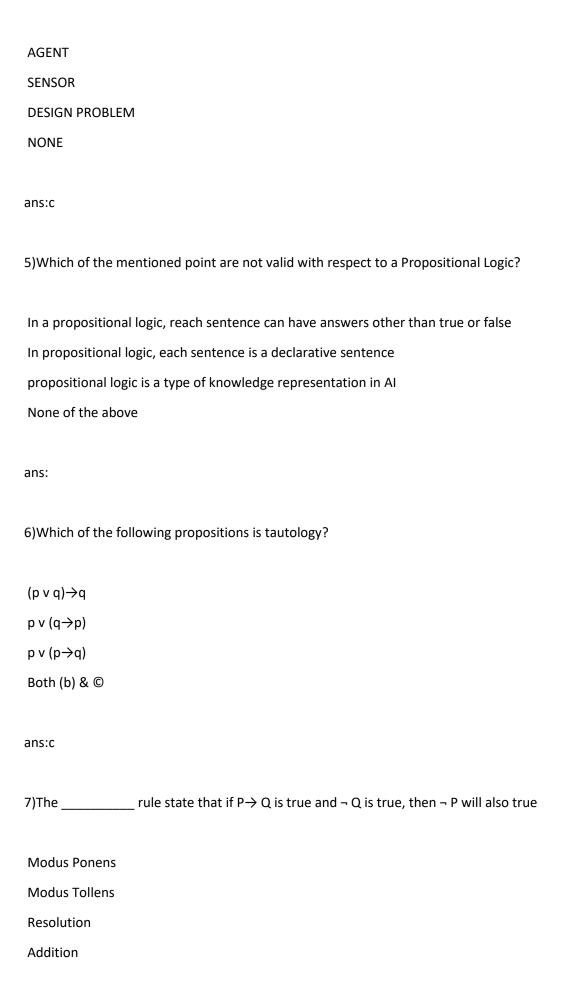
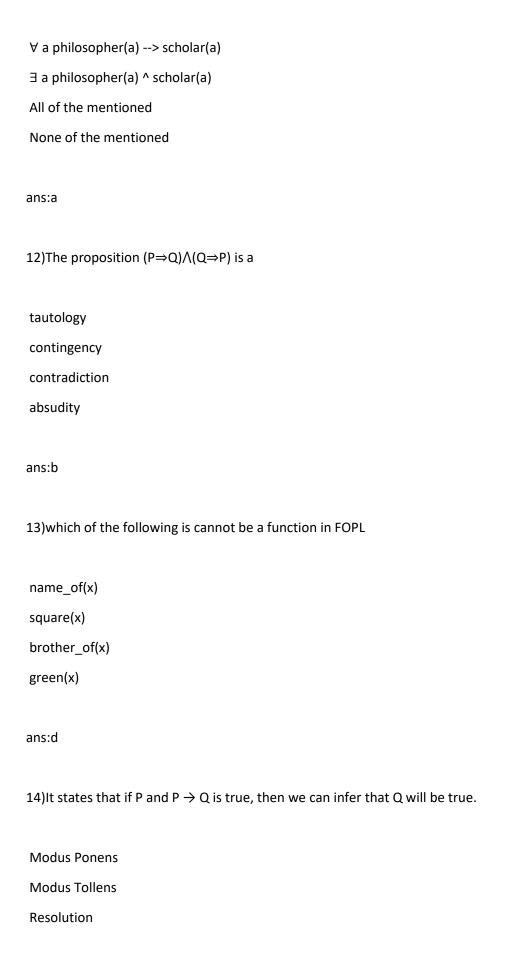
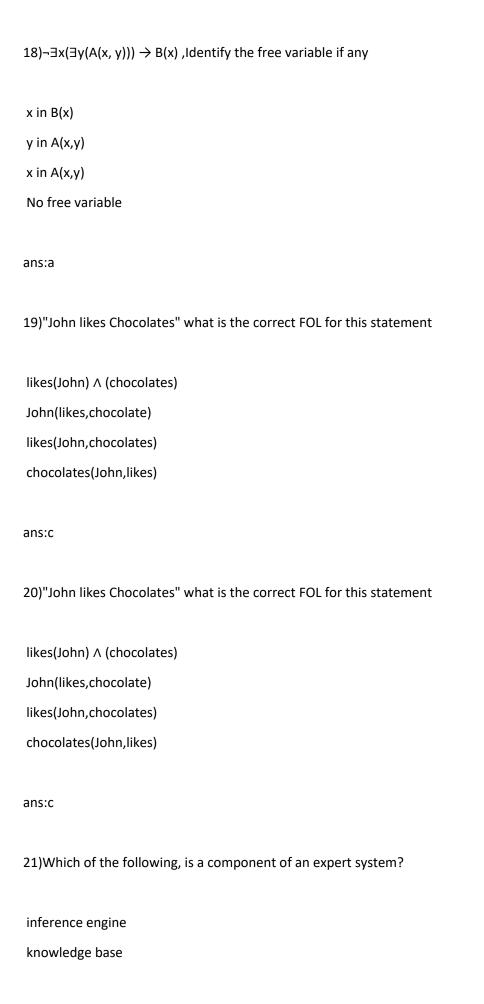
1)"Trying to catch our own thoughts as they go", is a way of doing
Cognitive Modeling
Laws of Thought
Thinking Rationally
Behave Rationally
ans:a
2) is the study of meaning that is used to understand human expression through language
Semantics
Syntax
Frames
None of the mentioned
ans:a
3)which type of agent is comparitively more intelligent
model based
simplex
learning
Goal based
ans:c
4)Which depends on the percepts and actions available to the agent?

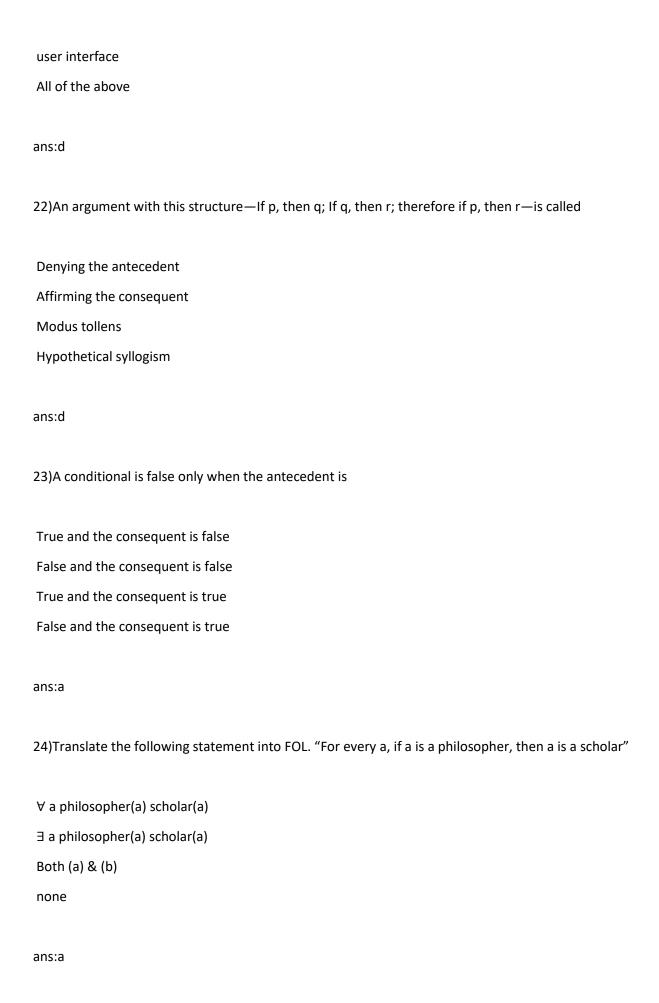


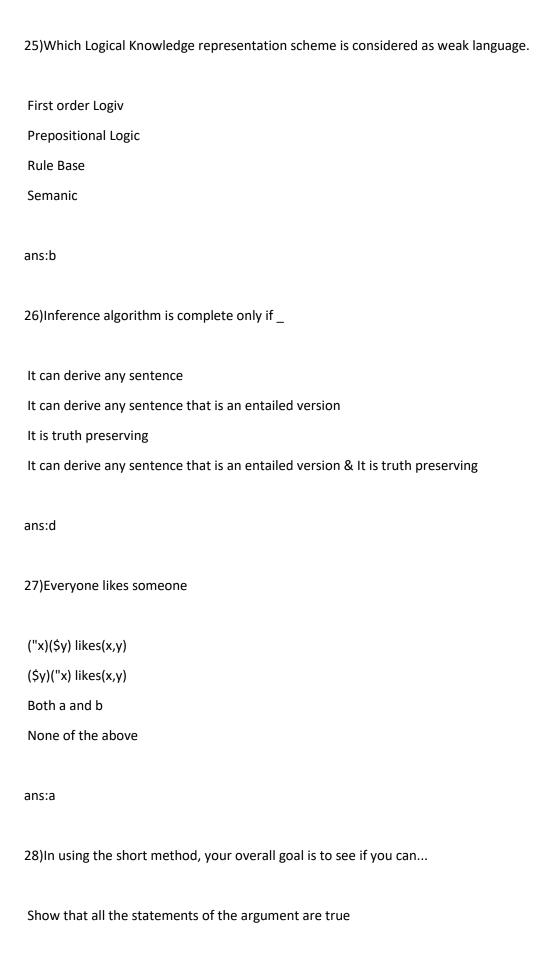
ans:b
8)What is the logical translation of the following statement? "None of my friends are perfect."
Semantic networks
Conceptual graph
Frames
None of the above
ans:
9)If A is any statement, then which of the following is a tautology?
ΑΛF
AVF
A V ¬A
ΑΛΤ
ans:c
10)The action of the Simple reflex agent completely depends upon
Perception history
Current perception
Learning theory
Utility functions
ans:b
11)Translate the following statement into FOL. " For every a, if a is a Philosopher, then a is a scholar.



Addition	
ans:a	
15)In a conditional statement, unless means "if not" and introduces	
A negation	
The conjunct	
The consequent	
The antecedent	
ans:d	
16)It is impossible for a valid argument to have true premises and	
A true conclusion	
A negated conclusion	
A conditional	
A false conclusion	
ans:d	
17) is also called as Rationalism	
Pschology	
Linguistics	
Philosophy	
Economics	
ans:c	







Prove invalidity in the most efficient way possible
Prove validity in the most efficient way possible
Prove that the conclusion is false
ans:b
29)(P v Q) $^{(P \rightarrow R)^{(Q \rightarrow S)}}$ is equivalent to
S^R
$S \rightarrow R$
S v R
All of above
ans:a
30)Which of the mentioned properties of the Utility-based AI agent differentiates it from the rest of the AI agents?
Responding and providing solution to the problem
Meeting the preference of the user
Meeting the goal
All of the above
ans:b
31)which of the following statements are true 1) Propositional logic is declarative 2) Propositional
logic has very limited expressive power 3) Propositional logic express quantity
1,2,3
2&3
1&2
1 only

ans:c
32)which of the following helps in predicting futue
Economics
Probability
Psychology
All of the mentioned
ans:b
33)" All students are smart " ,corresponding FOL is
("x) student(x) ® smart(x)
(\$x) student(x) Ù smart(x)
Both a and b
None of the above

ans:a