Shravan Shenoy

Class 1)

P	R	(P∧∼P)∨R		P	R	P∧(∼P∨R)
T	T	T F F T T		T	T	T F F T T T
T	F	T F F F F		T	F	T F F T F F
F	T	F F T F T T		F	T	F F T F T T
F	F	F F F F F F		F	F	F F T F T F

2.2)

1) P ∧ Q   P = 8 is even, R = 8 is power of 2.

2) ∼P   P = Matrix A is invertible

3) ∼P   P = P is equal to Y.

8.) P ∨ Q   P = x could equal zero   Q = y could equal zero

9.) P ∧∼Q   P = A contains x   Q: B contains x

10.) P ∨ Q   P = A contains x   Q: B contains x

14.) P ∧ ∼Q   P = "Man should look for what is"   Q = "Man should look for what he thinks things should be"