[Question 1:](https://gateoverflow.in/2661/gate-cse-1995-question-23)

[Prove using mathematical induction for HYPERLINK "https://gateoverflow.in/2661/gate-cse-1995-question-23" n HYPERLINK "https://gateoverflow.in/2661/gate-cse-1995-question-23"](https://gateoverflow.in/2661/gate-cse-1995-question-23)≥ 5, 2n>n2 (GATE CSE 1995)

Question 2:

(GATE CSE 2000)

Question 3: (KCET 2019)



Question 4: (KCET 2018)



Question 5: (KCET 2020)



Question 6: (AIEEE 2004)



1. S(K) => S(K+1)

2. S(K) not equals S(K+1)

3. S(1) is correct

Question 7:(AIEEE 2002)



Question 8: (AIEEE 2005)



Question 9:



Question 10: (AIEEE 2011)

