

CSE 103

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Subject: Assignment from book

Chapter No.: 1

Section No.: 1

Exercise No.: 23

Question: Write each of these statements in the form “if p , then q ” in English.

[Hint: Refer to the list of common ways to express conditional statements.]

- a) It snows whenever the wind blows from the northeast.
- b) The apple trees will bloom if it stays warm for a week.
- c) That the Pistons win the championship implies that they beat the Lakers.
- d) It is necessary to walk 8 miles to get to the top of Long’s Peak.
- e) To get tenure as a professor, it is sufficient to be world famous.
- f) If you drive more than 400 miles, you will need to buy gasoline.
- g) Your guarantee is good only if you bought your CD player less than 90 days ago.
- h) Jan will go swimming unless the water is too cold.

Answer:

- a) If the wind blows from the northeast, then it snows.
- b) If it stays warm for a week, then the apple trees will bloom.
- c) If the Pistons win the championship, then they have beaten the Lakers.
- d) If you get to the top of the Long’s Peak, then you must have walked 8 miles.
- e) If you are world famous, then you will get tenure as a professor.
- f) If you drive more than 400 miles, then you will need to buy gasoline.
- g) If your guarantee is good, then you must have bought your CD player less than 90 days ago.
- h) If the water is not too cold, then Jan will go swimming.