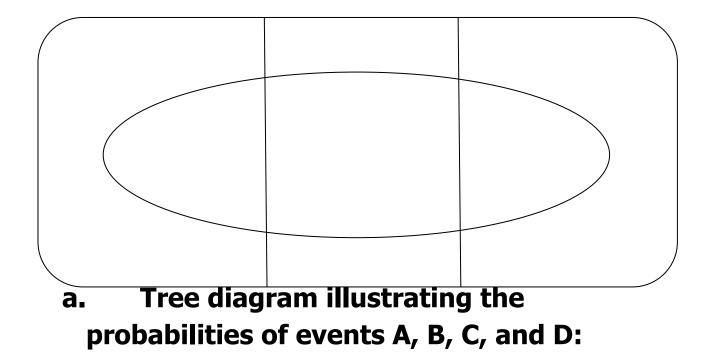
7.6 Bayes Theorem

Ex. 1 – A store stocks light bulbs from 3 suppliers. Suppliers A, B, and C supply 10%, 20%, and 70% of the bulbs respectively. 1% of A, 3% of B and 4% of company C's bulbs are defective. If a bulb is selected at random and found to be defective, what is the probability that it came from supplier B?



- b. P(D)
- c. P(A|D)
- d. P(D^c)
- e. P(B|D^c)