Probability of Black Ball from first Bag P(B) = 6/10 Probability of of first Bag to be chosen P(I) = 1/2 Probability of Black Ball from Second Bag P(B2) = 3/7 Probability of Second Bag to be Chosen P(II) = 1/2 Probability of Black Ball & P(S) = 9/17 Probability that Blak Ball is drawn from first P(B) X P(I) = 0.566730

