Assignment 17.3
Solution: Red Balls = 4 Black balls = 6 Total Balls = 10
its 2 Balls are drouon at Randown the combination can be (a) RR (b) BR
(e) RB (d) BB
Step A:- Propabitity of getting 1st scd Ball = 4/10
Probability of getting 2 Red Balls = 4 + 3 - 36+30
step\$ Probability of getting 1st ball es Black = 66:33 90 45
Probability of getting and boll as Red = 10 (ombination of (B) _ 6+4 = 54140 = 94
(6000000000000000000000000000000000000
Steptc):- First bout as Red = 4 2nd bout as black = 6
Total probability = 4+6 = 36+60 - 96-48
Step D: Livet ball on Rlack - 6
2nd ball as Plack = 10
Total Propobility = 6+5 = 54+50 = 104
57
45