SMUBHAM GUPTA classmate Date Page HW1 Propositly that the mark assigned is correct.

P(B2 | got 2 roules) = P(B2 N got 2 roules) P(got, routs | Bc) · P(B2)

P(got, routs)

P(got, routs) 3c. (0-6)2×0.4×0.3 5 (64)20-1×0.4 + 0.620.4×0.3 + 0.53×0.2 +0.22208×6.1) = 0.416 (A) b) 1621 got 1 rock) + P(B2 | got 2roch) + P(B2 | got) moun . = 0.4162 P(B2 | got I rock)
un proceed as above a get, 26.6)6.4120.3 3/ (0-1×0-1)2 +000000 4 + 03×0-6×6-4)2 + 0-2×653 + 0.1 x0.2 x6.8)2) - 0.4103 B(O2 | got s marks) 3c3 (0-6)3 ×0.3 3c3 (0.93×0.4+0.3×6.6)3+0.2×(0.5)3+0.1×(0.2)5) adding them up.
0.4105+0.1696+0.4192 = 0.995 (Ay)