## Statistics Assignment - 8

O Probability that A is guilty (before new evidence) = 0.5 = Prob of B is guilty

Due to blood type match,

Probability that A's blood type is matched = 1

Probability of B's blood type to get matched = 0.1

Probability of A being guilty

= 0.5 XI = 10, s(a)

0.5 XI + 0.5 XO.1

The probability that B's blood type matches

Crime scene = 0.1(10) + 1 = 2

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s (b) part