Quiz 3.

Ans. to the ques. no : 01:

$$\bigcirc P(\sim A) = 0.08 + 0.06$$

= 0.14

@ From the context, p(~An~B)= 0.06.

As, RHS & LHS .

So, Not injured is not independent of not participating in the movement.

(1) If two events are independent, but based on a condition, it is defined as conditional independent For instance: P(AnBle) = P(Ale) * P(Ble).

Here, A and B exevents are conditionally independent based on event C.