**22 January 2020**

**1.0 Conditional probability:**

Event that effects another event:

**2.0 Independent events:**

In independent events:

Question in exam:

Are events A and B independent:

1. Find P(A)
2. Find P(B)
3. Find
4. See if P(A)\*P(B) = if yes then A and B are independent. Else, they are not independent

*Example Question 5 from Tutorial:*

a heart is always red

So, they are not independent



So, they are independent

*Example Question 6 from Tutorial:*

So, they are not independent

*Example Question 8 from Tutorial:*

*Example Question 7 from Tutorial:*