Q7

1. Doesn’t exist
2. X1 🡪 X2
3. X2 🡪 X1
4. X1 🡪 X2 🡪 X3
5. SES 🡪 WATER 🡪 CHOLERA
6. ELEVATION 🡨 SES 🡪 WATER 🡪 CHOLERA

Q1

P(Neither E nor F) = 1-P(E or F) = 1-0.75 = 0.25

Q3

{HHH , HHT, HTH,HTT, THH,THT,TTH,TTT}

Q4

1. At least 2 heads

{HHT , HHH, HTH, THH}

* 4/8 = ½ = 0.5

1. The first 2 tosses are head

{HHH, HHT}

* 2/8 = ¼ = 0.25

1. The last tosses are tail

{HHT, HTT, THT, TTT}

* 4/8 = 0.5

Q2.

(i)

(ii)

*And*