Q) Two dice are thrown The events A, B and C are as follows:

A : getting an even number on the first die

B : getting an odd number on the first die

C : getting the sum of the numbers on the dice ≤ 5

Describe the events

(i) A'

(ii) not B

(iii) A or B

(iv) A and B

(v) A but not C

(vi) B or C

(vii) B and C

(viii) $A \cap B' \cap C'$

Ans) 1) Getting odd number on first die

2) Means getting an even number on first die

3) Getting an even number on first die or an odd number on first die, kind of getting anything on first die

4) Getting odd and even both on first die; this is not possible

5) Getting even number on first die and the sum of number on dice should be ≥ 5

6) Get an odd number on first die or the sum of number should be ≤ 5

7) Number on first die should be a odd number also the sum of number should be ≤ 5

8) Means number should be even and sum of number should be ≥ 5