**/ANSWERS:**

1. P(Even number and Divisible by 3) = **67/100**

2. P(Neither divisible by 3 nor 5) = **53/100**

3.

P(Tea) = 80/150

P(Coffee) = 90/150

P(Tea AND Coffee) = **20/150**

4.

**S**

15

10

10

5

**AA**

**D**

1. P(Only Dancing) = 15/90
2. P(Both Singing and Dancing) = 25/90
3. P(Both Singing and Acting but not Dancing) = 10/90

5. Probability of even numbered horses getting first, second and third = 0.05 = 5%

6. P(Not Vowel) = 1- P(Vowel) = 4/7 = 0.5714