## Quiz - 1

Friday, 5 August 2016

 ${\bf Time~Allowed:5~Minutes}$ 

1. Probability of an event A is given as:

$$P(A) = \frac{Number\ of\ favourable\ outcomes}{Total\ Number\ of\ outcomes\ (Size\ of\ the\ sample\ space)}$$

What is the problem with the above definition of probability? When does this definition hold and when not?

2. Calculate the probability of a full house in Poker.