**NOVEMBER IV WEEKLY TEST**

**CLASS XII MATHS**

**Time-30min M.M.10**

***NOTE:- Attempt all the questions.***

**1 . A die whose faces are marked 1, 2, 3 in red and 4, 5, 6 in green is tossed. Let A be the event obtained is even and B be the event number obtained is red. Show that the A and B are independent events.**

**(2)**

**2. On a multiple choice examination with three possible answers for each of the five questions, what is the probability that a candidate would get four or more correct answers just by guessing? (4)**

**3.Find the mean ,Variance and the standard deviation of number of tails in three tosses of a coin. (4)**

**THE END**