



29/10/2012

DOON UNIVERSITY, DEHRADUN
Mid Term Examination, First Semester, 2012
School of Environment & Natural Resources

PhD Environmental Science
Course: EES – 524: Statistics & Computer Applications

Time Allowed: 2 Hours

Maximum Marks: 30

Note: All questions are compulsory. Answer in the space provided.

1. The distribution used when there are two outcomes of an experiment is the _____
2. The probability of obtaining a sum of 6 when two dice are thrown is _____
3. The error committed when a false null hypothesis is accepted is known as the _____
4. If the total number of observations in testing the significance of differences amongst three populations is 39, the degrees of freedom due to error are _____
5. The entity that represents the value having maximum frequency is known as _____
6. In an experiment designed to test the efficacy of feed on milk production, total yield from 12 cows was measured before and after the feed was given. The test used to test the hypothesis is _____
7. The design used when there is a one-sided gradient in the experimental area is _____
8. The events which do not affect the outcome of each other are known as _____
9. The standard deviation of a binomial distribution with parameters $n = 18$ and $p = 0.23$ is _____