Marks distribution -> JotJan 2024
1) Mid-Sem-20
@ Fnd-Sem - 50
3 Internal - 30 Quizzes (10)
Clarstest (6/w midsem and endsem) (5)
2 p·m tutorical - quizzes on tutorials Thursday
3 questions, doon grough
He will wast unawilablenext week and answer.
so nommal classeson - 1,2, 8, 4, (8,11) → Tutorials.
Swapped with analysis on 2,3 - you know, I stopped carring.
Come to everything.
& Best 10/11 quizzes.
2 week time for anignments.
Sy Valus -
1 Axions of Pseobability, Bool's and Bonferonis
inequalities:
Earlier attempts to define probability
(Conclitional @ probability, Bayes Theorem.
Random variables and distributions (longest and sigorous)
Markoviney, Chebysheviney.
Cherus ff 60 unds
@ Orchistationics
@ markovehains.
Ref: Shildon Ross.

A Random experiment: Anact which could be superated weder similar circum stances but whose outcomes are not fixed.

a Fixed def of probability -> (cardano, 1663)

The proportion of the sequired out come, to all out comes

There only if we arrane all outcomes have a equal probability (may not before)

Laplace toried to generalise to infinite sets.

1 Birth day problem

m - pigeonholes

n -> pigeons

p > probability.

Given m and P, find n s.t the probability of an overlap is higher thanp

N> 1/2 + /2mlog(1-10) + 1/4 Hw: Torra evin a hundred times and note down the outcomes.

Corollary: If 3n+1 pigeons are placed in n2 pigeonholes, then there's an overlap with possibility higher than o 48889

is dividable to a

. Comments. A.