Lecture - 1
Probability, Statistics and
Information Theory
SC222

| Attendance | Policy |
|---------------|--------|
| 1. attendance | Marhs |
| 0 - 50 | -10 |
| 50-80 | 0 |
| 80-90 | +10 |
| 90-100 | +20 |
| | |

A first course in 2 Probability by Sheldon Ross Elements of Information Theory by Thomas and Corer Pre-requisites Permutations & Combinations Lecurrence Relations. Tutorial I is based on these. Will upload on Moodle. 25 + 25 + 50 insem 1 insem endsem

Monty Mall Biblen do08 2 door 1 nost opens Participant Participant randomly Goat door. chooses a Goat Car

5 5 6 i) randomly choose a box ii) randomly choose a coin. iii) it turns out to be a Gold Coin. What is the probability that the other coin in the Jame box is a bo a Gold coin?

Sleeping Beauty a She goes to sleep on Sunday. -> A (oin is toss-d. Mead: wohen up an Monday.

and ashed a guestian

Latail: M& Tuesday

ashed a guestian She is finally wohen up on Wednesday. what is your belief but it was a nead?