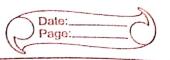
Mohd. Manza	- Ighal
Scholar No:-	



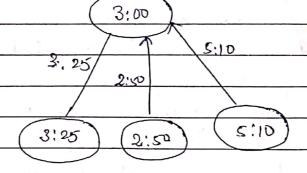
## Distributive System

## Mini Test

## (Q1) Beskley Algorithm

Beskeley's Algorithm is a clock synchronization technique und in distributed systems.

The Algorithm assumes that each machine node in the network either doesn't have an accusate time source or doesnot have an UTC server.



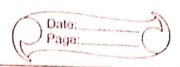
(1) average fault tolerant

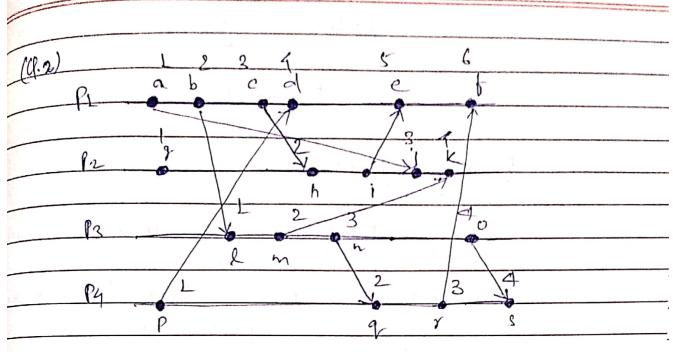
(2) Adjusted time send to each client

7 3.25 = -25+55 = 30

2:50 = 10+55 = 65

5:10 = 130-55 = 75





fach process maintains a single lampost

finestamp counter. Each event in the process is

tagged with a value from this counter.

The counter is incremented before the event

timestamp is assigned

In the figure, event j in Process B is the

seccipt of the message sent by event a in P1

91 event j was just a namal local event P2

would assign it a timestamp of 3. Yowens, tince

the received timestamp is 3 which is greater than

Or equal to 3, the timestamp counter is set

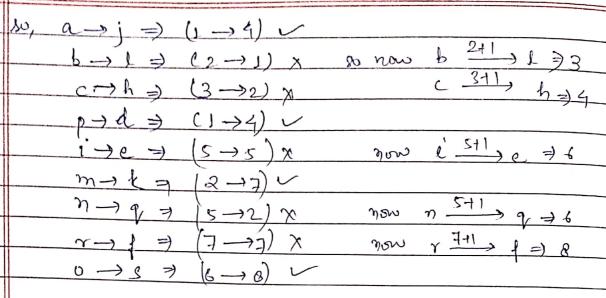
to 3+1, or 4. Event j gets the timestamp of 9.

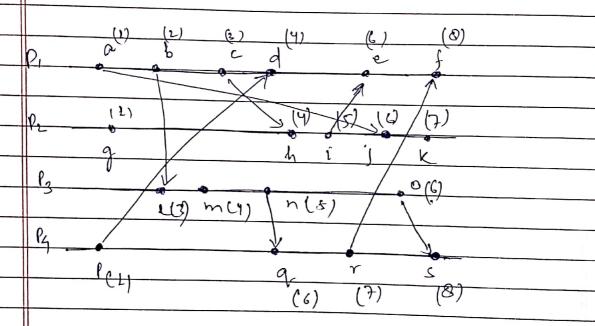
This preserves the relationship a > j, that

is a happened before j. A lacual event j would

gets a terroustamp







topo porta