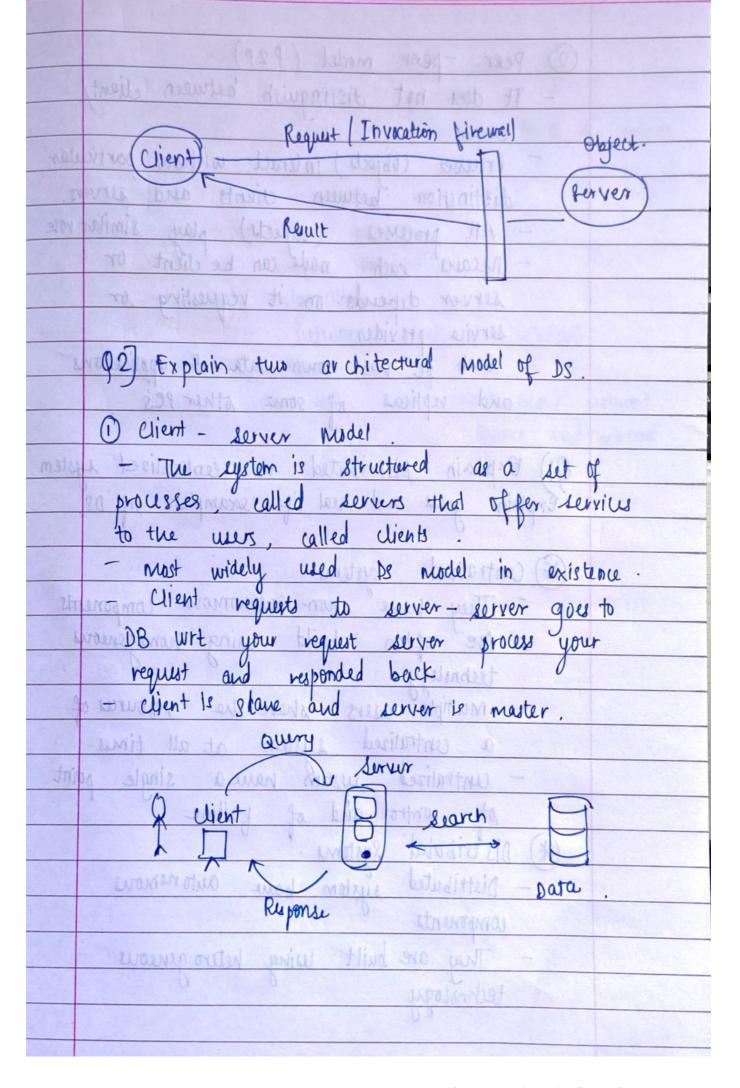
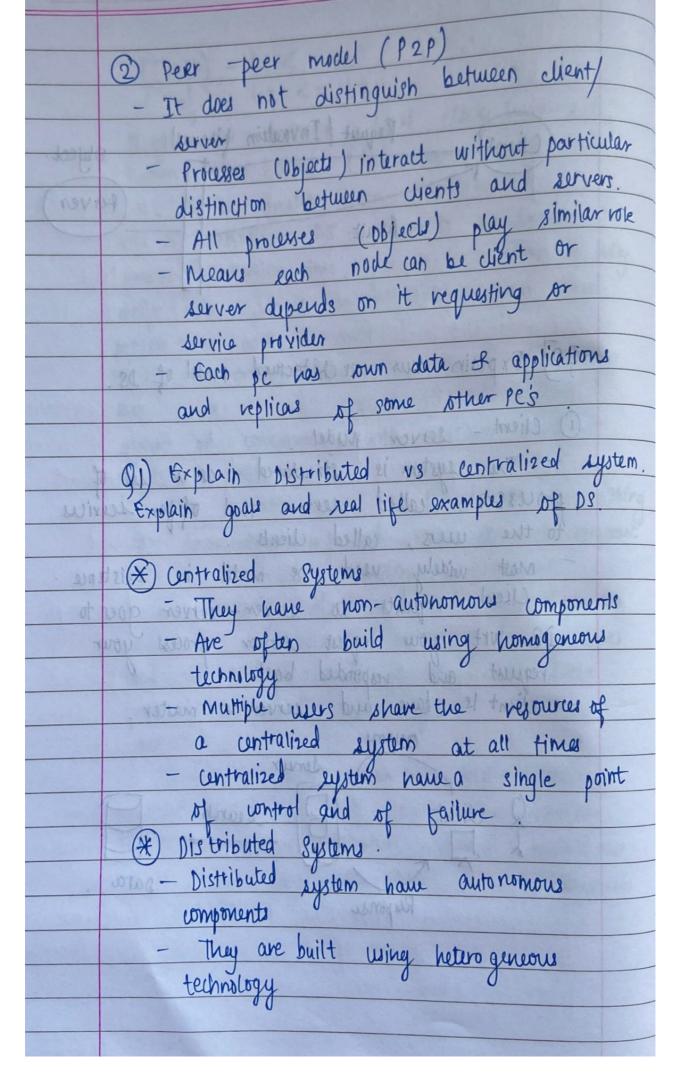
Rebetta Sign
ft rel 1 - +1 / = +1 AUGM 38
(Tref) - t1 < = tb $(Tref) - t2 < = tb$
Drift rates between local clocks have set
known time bound (tb), means drift rate
not to be greater than time bound.
Vii) Asynchronous DS There is no bound on
process execution time, message transmission delay.
drift rate. It is unpredictable about when
process time will be over the
Viii) Event ordering helps in knowing whether
one event at one process occured before,
after or concurrently with another event at
another process!
2) The security model is based on establishing
the trustworthiness and role of each component
in a distributed computing environment
i) The security of a distributed system can be
achieved by securing/protecting the processes
and the channels used for their interactions
from unauthorized access from malicious
from unauthorized access from malicious activity internal to the hold when the
(1) (hreats to proces: man in microic attack,
unauthenticated request reply by attacker.
iii) Threat to communication channels : malicion
user can copy or after or inject message
ent son whannelibin notionatal warrown the
the clock "drifts apart" or gradually desyrchronizes





S S	M T W T F S S Page No.:  Date:
	- components may be used exclusively
	- Executed in concurrent processes
	- These systems have multiple point of failure.
	Examples
	1) Tele communication notworks:
	- wireless sensor network
	- computer network such as internet.
	- computer network such as internet.
	<ul> <li>Network Applications</li> <li>- world wide meb and peer to perev network.</li> <li>- massively multiplayer online games and virtual</li> </ul>
	- world wide mels and peer to perev notmork.
	massively multiplayer online games and virtual
	vality with white
	- network file systems.
	1 He terogeneity
	@ Resources are shared
	(3) Availability
	(4) Load Sharing (5) Fault Tolerance
	(0) (0) (0) (0)