

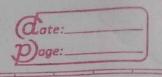
846: - DC Name: Gayrav Poncha note: - 25/3/21 class: BE comps B sign; Roll No: 44

what is a remote procedure call? Ans:- A remote procedure call is in interprocess
communication technique that is used for dient-server based application. It is also subroutine coll or a Punction call

working of Rpc;

- e) A dient invokes a dient stub procedure, passing parameters in the usual way. The dient stub resides within the dient's own address space
- by the dient stub marshalls the parameters into a message,
- The client stub passess the message to the trasport layer, which sends it to the remote server machine.
- dy on the server, the transport loyer passess the message to a server stub ey the transport loyer sonds the result message back to the client transport layer, which hands the message back to the two 98 part dient stub P) The client stub demarshalls the return perometers & execution

return to the callor



Name: Graurav Ponchal Subject: DC.

class: BF comps B pate: 25/3/21

Roll No: 44.

Client Server

Return call (call - Return)

Client stub

Unpack pack

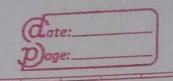
Result packet

call packet

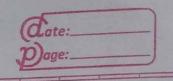
RPC Rontime

Rpc Runtime

Receive



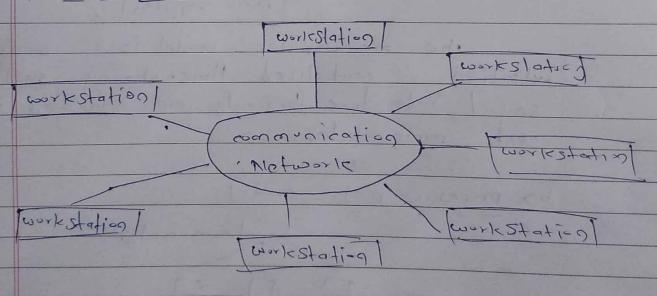
sub: De Name! - Enduror porcha! pate: 25/3/25 classit BE comps B 590:2 ROIL NO: - 44. Re) Explain diff distributed system models. a) mini computer medel. Ans: computers communication network computers computers mini computers The minromputer model is a simple extention of centralized time-sharing system. saerel intractive terminals are converted to early minimaputor. p) beacess born wage terminals communication network Rie



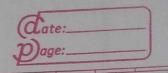
Mome: Praurer Barchal Sub: De class: BF comps B Date: 25/3/21
Roll No: 44. 3ign: Jul

The process-pool model is based on the observation that most of the time a user does not need on a compution power flac byt once in a while the user may need a sent dorse of computing power for short time.

c) workstation model:



A distributed competing system based on the workstation model consist of soverel worlstations interconnected by a commiscodio netword. In such on environment at one limit a significant propotion of the worlestations together speed are idea, which repull in waste of large amount of app time.



54b; - DC. Name: Braux & ponchal Date: - 25/3/21 Closs: - BE comps B 5150:-Roll No 1- 44. 237 suzuki-lasamis Bradast- Algorithm Algorithm: Ans a) It is a token bosed algorithm. in distributed system. cy This is the modification to Ricont Agravala algo. are used for attaining the critical section. ex Each percest maintains an array res Reg [i] denotes the sequence no of latest request for process j. for Additionly, the holder of the toron orainfair an any list last (j) denotes the sequence number al last visit to entiral section for Project j. 3> fig. 10 stour example III ron D III 1 = 1

HTren