Level : MI-SIAA (2023/2024) Subject : Distributed systems

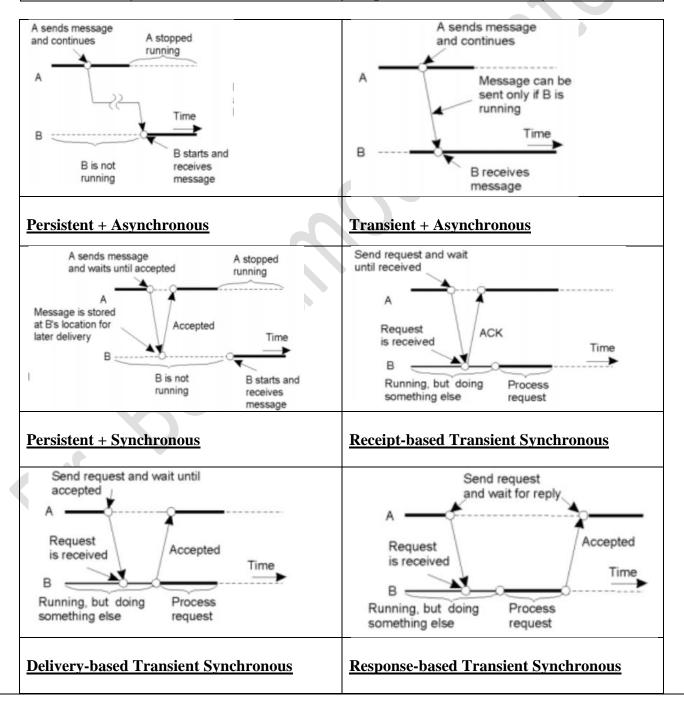
Dr. F.BOUGAMOUZA

SECOND PARTIAL EXAM

PART 1 - TYPES OF MESSAGE-ORIENTED COMMUNICATION

From the following suggestions, give each image the correct title.

Receipt-based Transient Synchronous	Persistent + Asynchronous
Delivery-based Transient Synchronous	Persistent + Synchronous
Transient + Asynchronous	Response-based Transient Synchronous



PART2: RPC OPERATION

Fill in the gaps with the following concepts:

Client Stub	Server OS	Pack parameters
Communication network	Unpack parameters	Send RPC to Server OS
Receive RPC	Server machine	Process request
Client process	Send result to client OS	Receive reply
Server process	Server Stub	Client OS
Request procedure	Pack result	Client machine
Unpack result	Receive result	

Client machine Server machine Client process Server process Process Receive Request request reply procedure **Client Stub** Server Stub Pack Unpack Pack Unpack parameters result parameters result **Server OS Client OS Send result** Receive Send RPC to client OS result to Server Communication Receive network **RPC**

FIRST NAME	<u>LAST NAME</u>
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