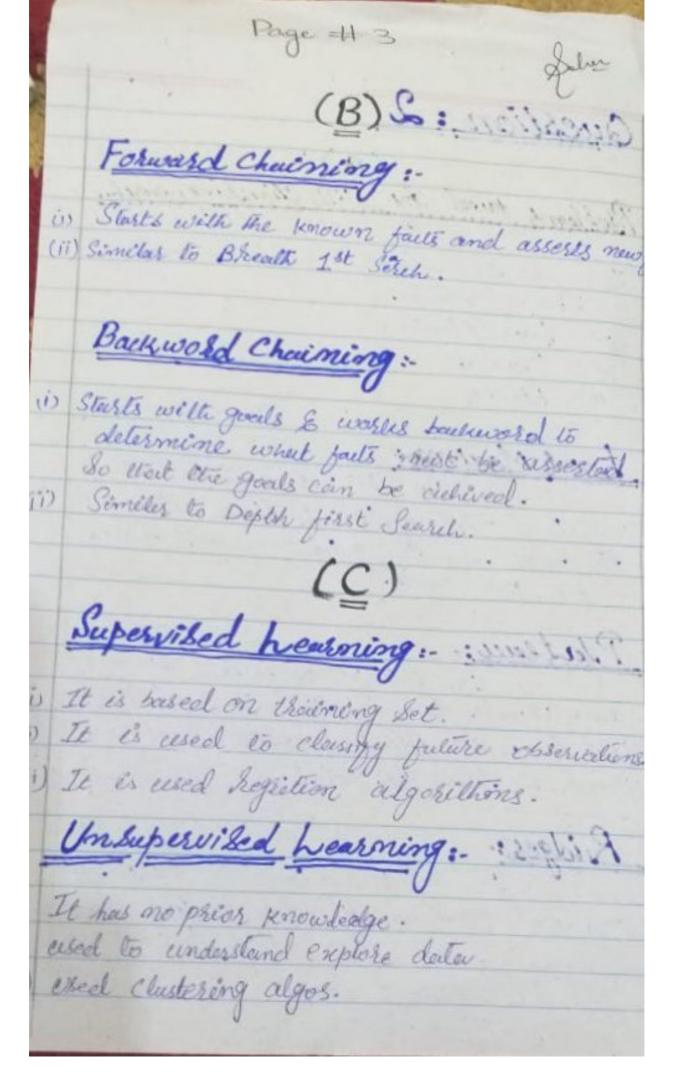
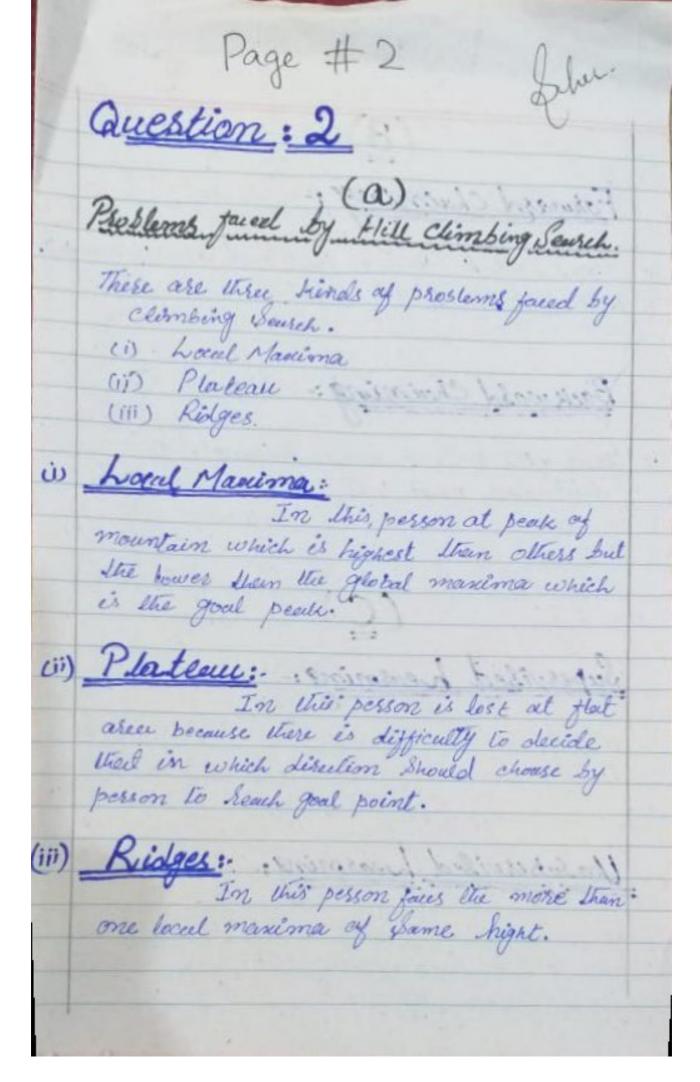
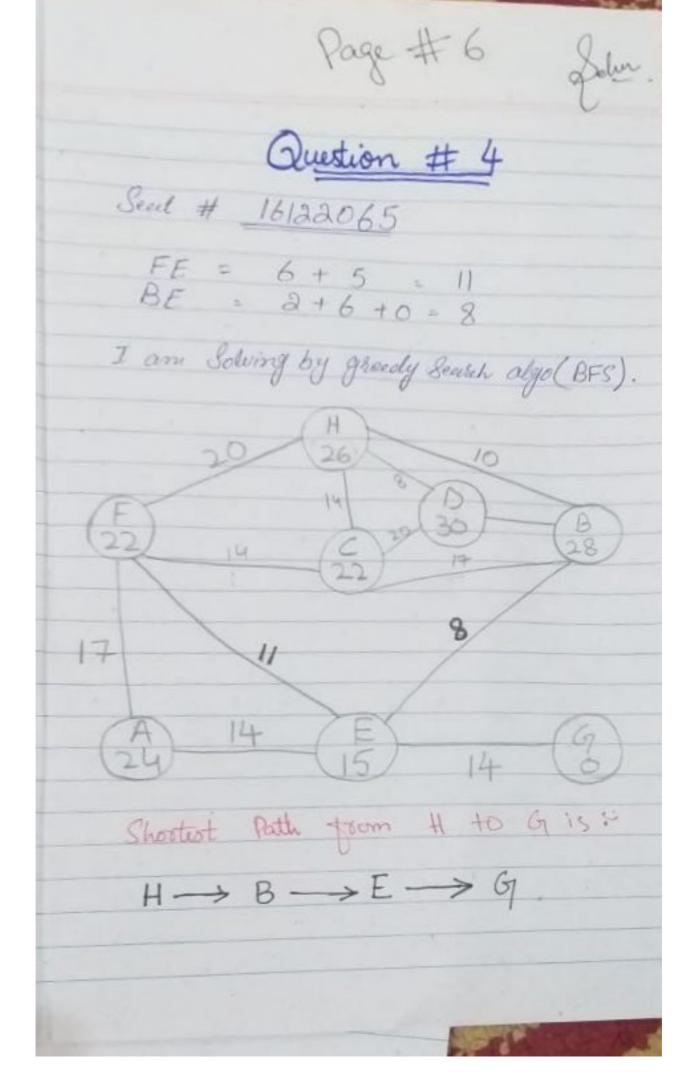
Page # 15 Artificial Neural Networks As we know that newed means detaling to nervous System Newful network meens there are so many biological newsons present in our brain and they are Connected ligether So they can Share ingarmation among alignment parts of our sody. Same as are brain, astipical System are there which are capibale to Shale feetly dola by using artificial neurones this is called astificial neural network. It is a computational model based on Structure in function of biological neural netwools. Information that close through the Stantus. of ANN network offerts the Stantuse of ANN because it Changes of Please in the Sence based on that imput or output.



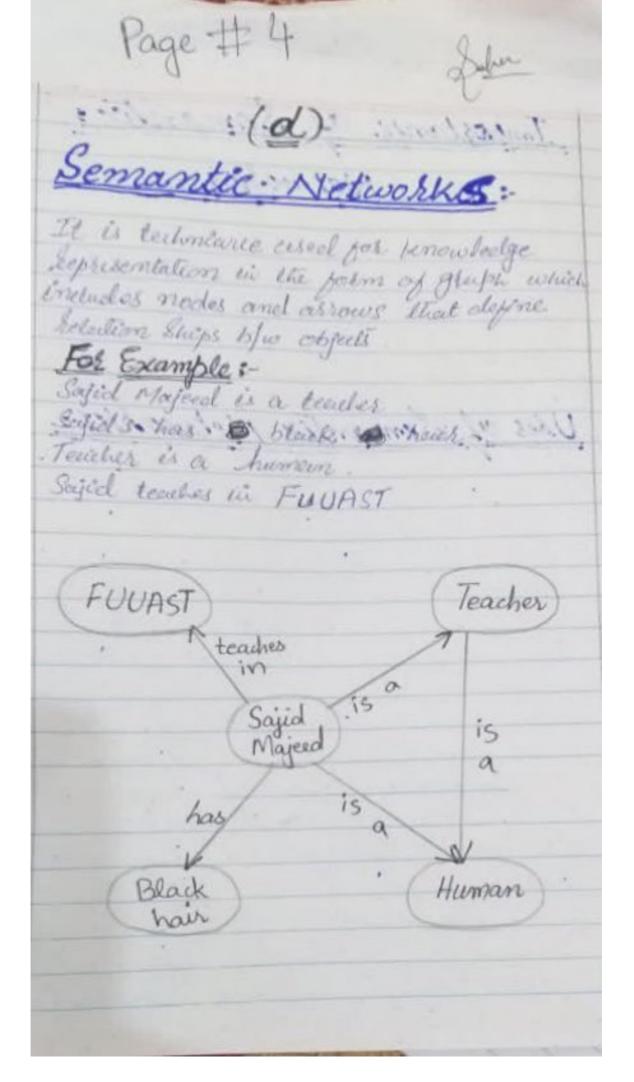


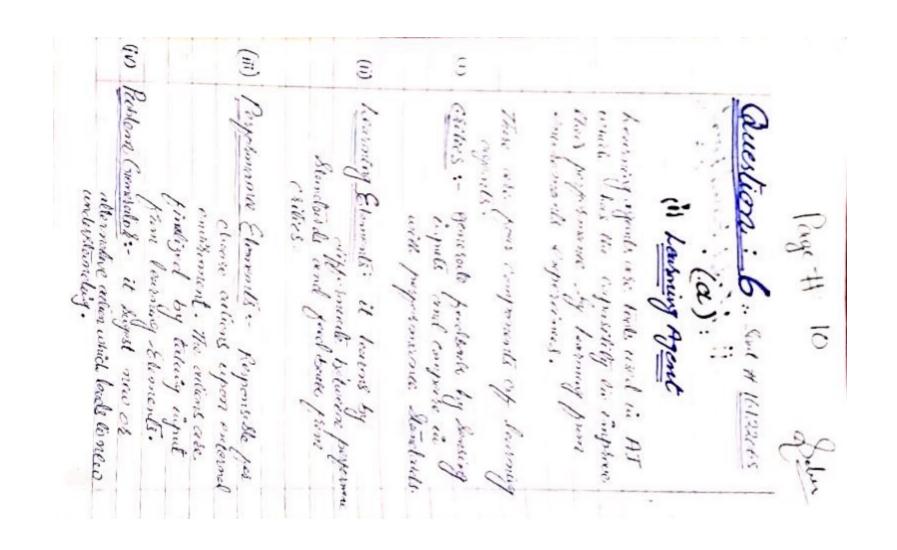
Page # 13 Question: 7: - Sent # 16122065 is Assisticial Intelligence and its types It is the branch of Computer Science that aims to build machines which can memic like human. There are two types of AI 1) Based on Capabilities: Ly Narrow (Neah) AI -> General (Strong) AI La Super AI 2) Based on Junctionalities: La Reactine Machines La limited Memory La Sely awareners: 1) Based on Capabilities » > Narrow (Weak) AI = It is capable of performing only a limited set of predificion function.

Weak AT powered machines do not have mind of their own. of General (Strong) AI: of General AT powered madein have mind of Their

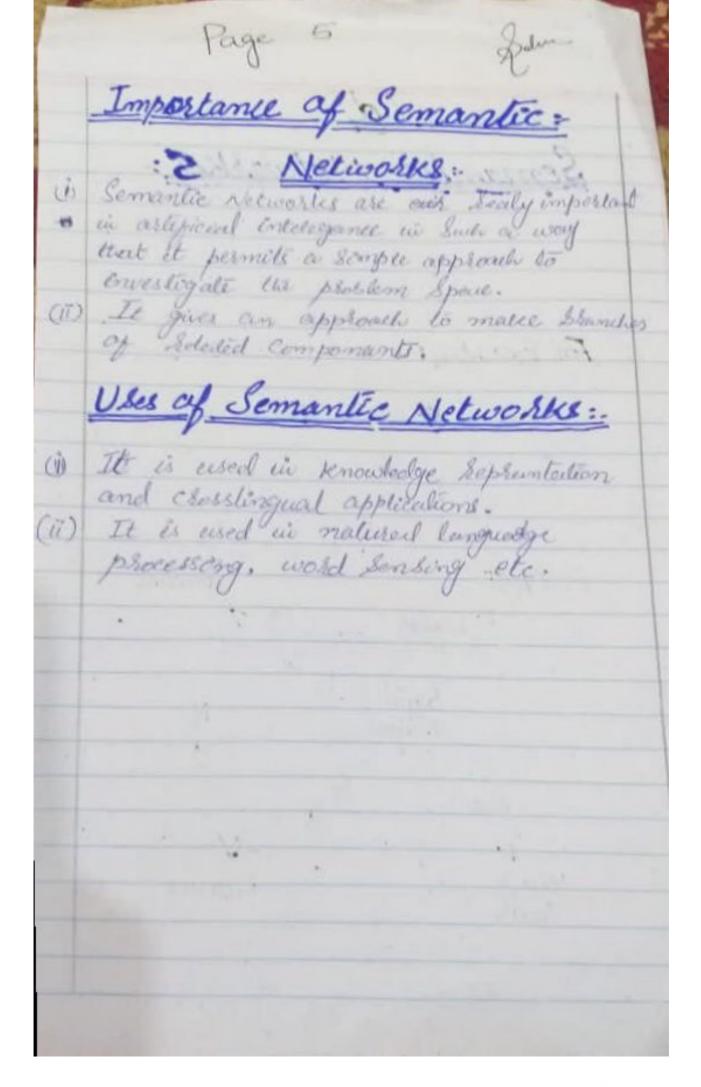


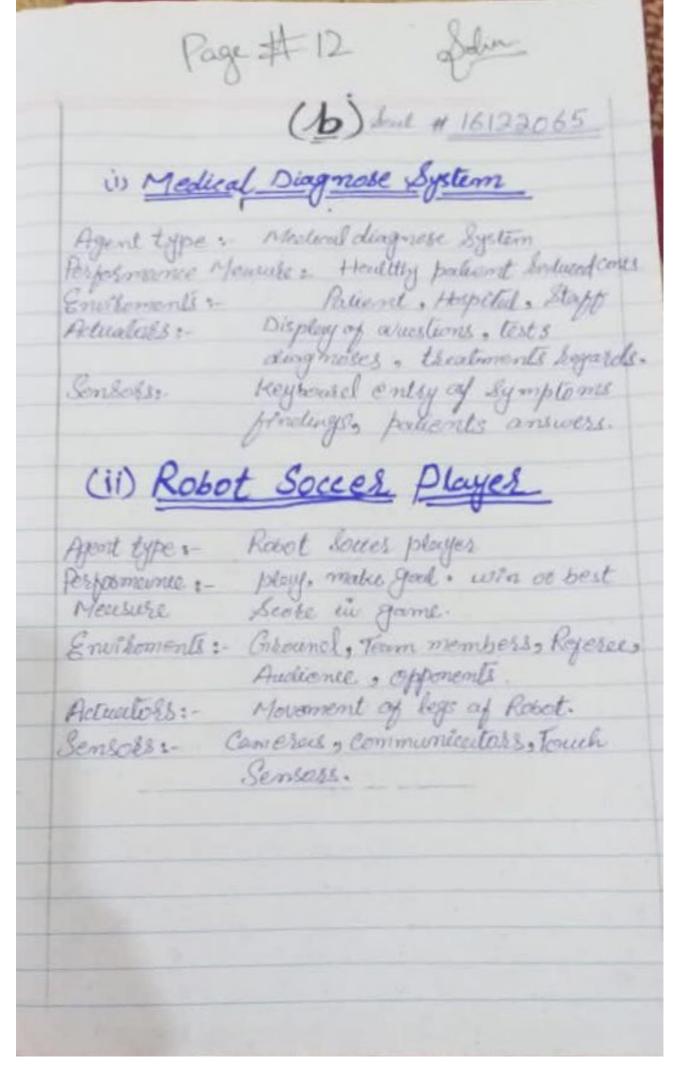
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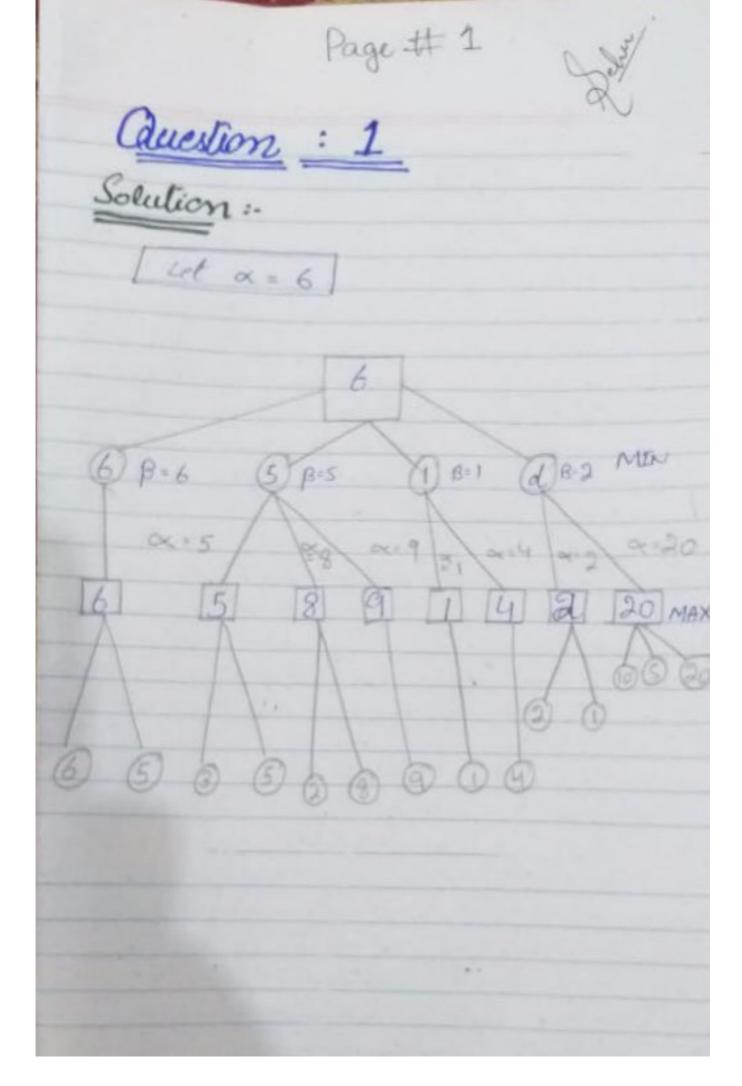


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Page # \$7 Question: 5 knowledge Repsesentation: In order to Sodie complex problem in astificial intelegence we need targe amount of tenowhedge and some mechanisms for manipulating that knowledge to execut Solution excludes modeling intolegent behaviour for an agent. These are different ways to represent renowledge. is Proposetional logic (11) First Order lugic (11) Rule Gased System (iv) Semantie Network (V) Frames



Page # 11 It is also called model of the world It have some reind of historical data. two temp truck of the current state of the world using an internal model. it done chooses an action in the Same way as soften agent. Example: near to trapic light, mount when to Stop or move by understanding model of trappe light.

Page # 8 Construction of knowledge based (11) The knowledge bused agent lake input
from the envisoment.

(11) The input is taken by the inference
engine of the agent which derives and also communicate with knowledge bused to take decision. (111) The learning elements of unacledge base agent legularly updales. Environment environment Learning (KB) updates Knowledge Barrol

Page # 14 Greeken : F. Super ALT is her. 4) It is one which with one day could human intelligence and concertable take our the world 4) Domentralis entilligence toypred froman Capabilities. 2) Bared On Functionalities + -> Reactive Madines: and sent age to omisoment Machines are those that can Ectain memory for a short span of tome -Theory of Mind?

The is desiring making ability equal to entent of a human mind, but be Self awareness & invalves muchins that have human - livel constourner.

