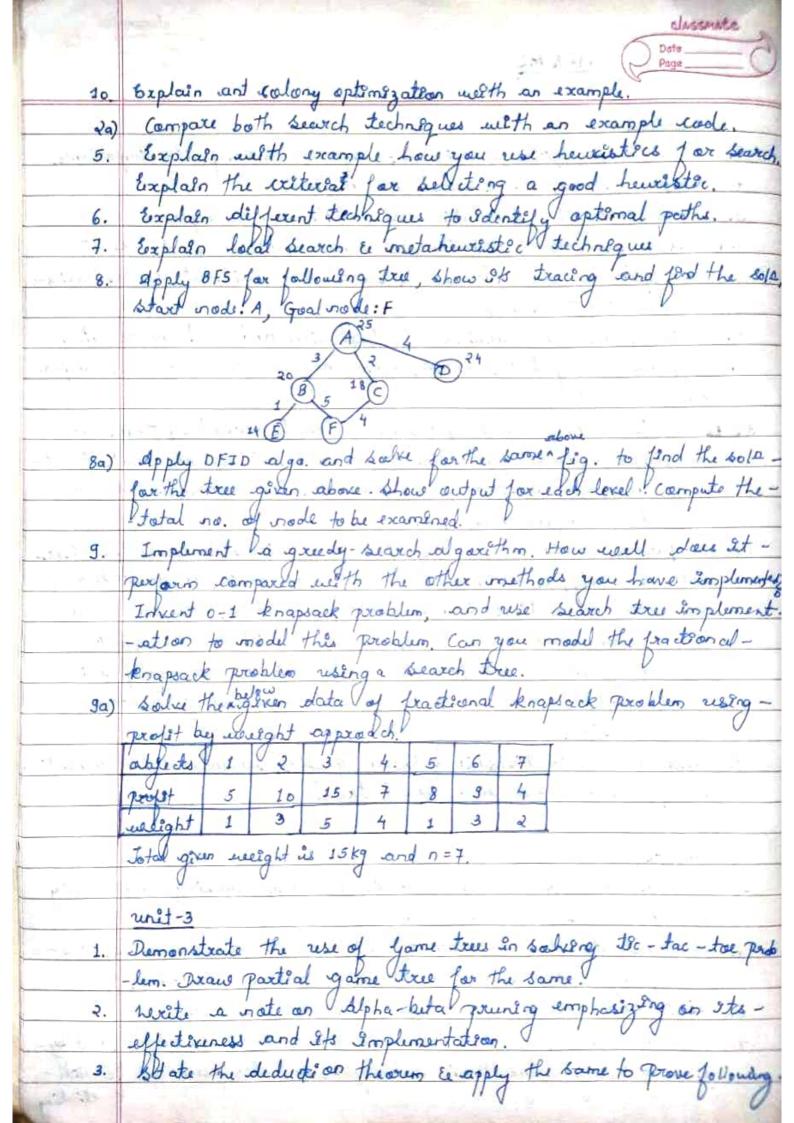
AILL

oclimbing

	rinit-1
1.	compare strong AI & All oh IT HI I brief et's Importance.
	The state of the s
3.	demanation not with an example
4.	For a problem of Messionaries and Cannebale in AI serite- the operators and draw the search tree without cycles having- bolution for the same
	the operators and draw the search tree without cycles having-
-	
5.	Wite a brote on combinatoxial Explusion and problem reduction Explain Twing test & chinese room arguement experiment. Compare and contrast.
6.	Explain Twing test & chinese room arguement experiment. Compare
	and contrast.
	g. Jon is a sat. Jon eaught about. Jan is owned by John. Tom-
5 ±1	is gloger in calox. Cat like exeam. The cat bat an mat. A cat-
	Is la mammal. I blid is an animal. All mammals are-
	animals. Marmals have fur.
46)	of farmer is an are side of xiver and weishes to crass the sauce
	with a well, a checker, band a bag of grain. He can take only-
	with a well, a checker, band a bag of grain. He can take only- one item at a time in his boat with them. He can't leave-
	he can't leave the well alone with whichen, car well-
34	the chicken above with the grain, or it will sat the grain, to - the can't leave the well above with chicken, or well well- eat the chicken. How does he get all three safely acknows to - the other side?
	the other side?
7.	Explain the xelationship between graphs, semantic nets, semantic- trus search spaces and search trees.
	trees search spaces and search trees.
	unit-2
1.	for loss how searching helps in problem some of
	an types of searches an AI.
9	Demonstrate the wearking of DFS & BFS a good sms by The
_	Demonstrate the weaking of DFS & BFS algorithms by the- use of either algorithm or pseudo- code for the same.
- 1	List and explain properties of search methods.
4	Explain with fig. the three problems that could be faced by-
-	Explain with 15g. He techniques. And also pseudo code for Hate-



	$\{A \rightarrow B\} + A \rightarrow (C \rightarrow B)$
4.	necites. Decidability, Monato-
	nicity.
5.	Explain the following towns (1) home Tues (1) Mesimon (1) diplo-
	Explain the following texms (i) yours Trees (ii) Miniman (iii) Alpha- beta greening.
6.	what is Logic? Explain why Logic is used in Artifectal- Intelligence and explain Logical operatore. Explain the concepts of Translating bet English & Logic- Wotation and explain the following Touth tables of NOT AND- OR, Implies, if, complete Touth tables
	Intelligence and explain Logical operatore.
7.	Explain the concepts of translating but English & Logite-
	Notation and explain the following but tables of NOT AND-
	OR, Implies, of, complete truth tubles.
	unit-4
1.	what is need of training in Machine Learning? Using a bimple-
1	learning method Dolvare a fenal hypothesis nehich is consistent-
ly la	for following training data:
	(Slaw, wind, 30ft, 0, exenting, coald)
	(slaw, rale, roft, o, evening, warm)
We.	< slow, snow, soft, o, afternoon, could>
2.	Explain the candidate belimination technique & Meaning of Industrie-
3.	Explain in brief the three types of learning methodologies in-
	Explain in brief the three types of learning methodologies in- driefs cal Neutral Networks.
4.	Demonstrate the working of Demple perceptron to represent the
	learning of logical OR Juntion for maximum 3 epochs.
40	Demonstrate the working of simple perceptron to represent the learning of logical OR Juntion for maximum 3 epochs. Apply perceptean training process to calculate the binary AND, OR &-
	ALAT I TOWN OF LEASE PORTE
_ 5	Theory for Bedirectional desociative Memory (BAM) & associated-
	@- L(/, V
6	Hop field Theory & dissociated problems.
	- 1/ - 4 A V / V / V / V / V / V / V / V / V / V
- 8	what are good trees texplain & nehy are they reselved to AI. Draw good trees to represent the following:
9.	Throw good trues to represen The following:

						3			
	i) I map colority problem with sex countries & four colors. 1i) Tower of Handi problem with four disks. o. Explain Constraint Satisfaction Search with an example.								
Ť.									
10.									
11.	baptain Multilayer newal returate and								
	and also wexter bushy back propogation is required. Draw a decision tree fox determining whether as not a film-								
70.	Deaw a.	decision to	Lee fox	determenin	g whether	k ox no	a jum-		
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ią.	Find 5.	algarithm	you the	below gi	ven traini	ng dava 76	gina The		
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	2	many	big	No	Expenses	ani	yes		
-	3	some	balg	ialways	Expensive	few i	no		
	4	many	Medium		Expensi Ke	many	yes!		
	5	many	Small	No	Affordable	many	yes !		
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2. Explain how learning happens in Simple Bayesian Cartept									
3.									
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- 11					45				