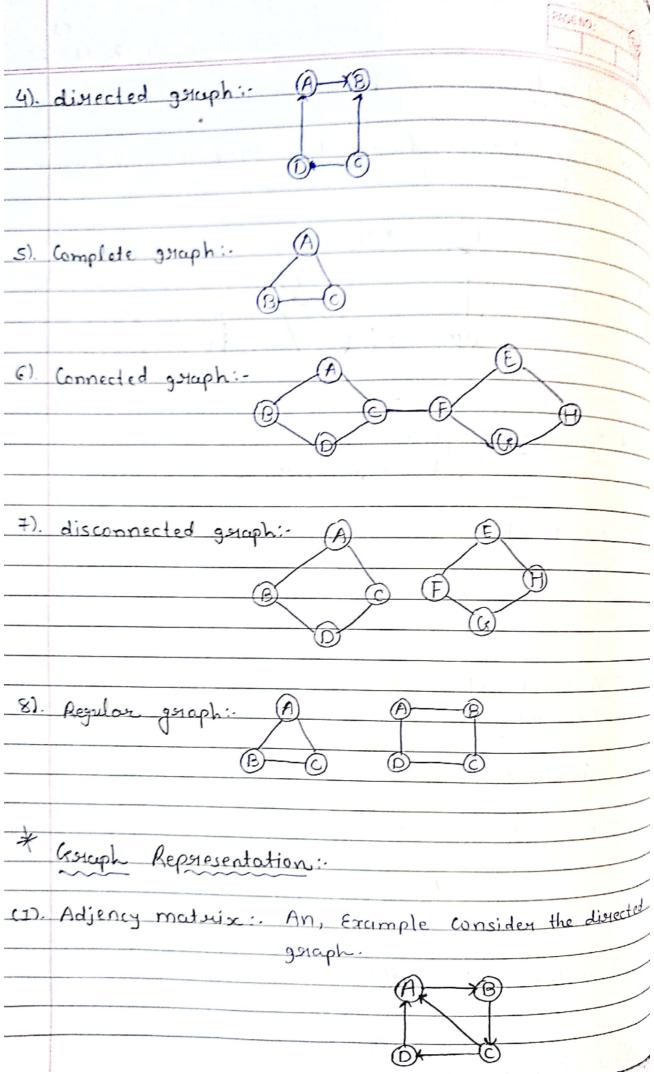
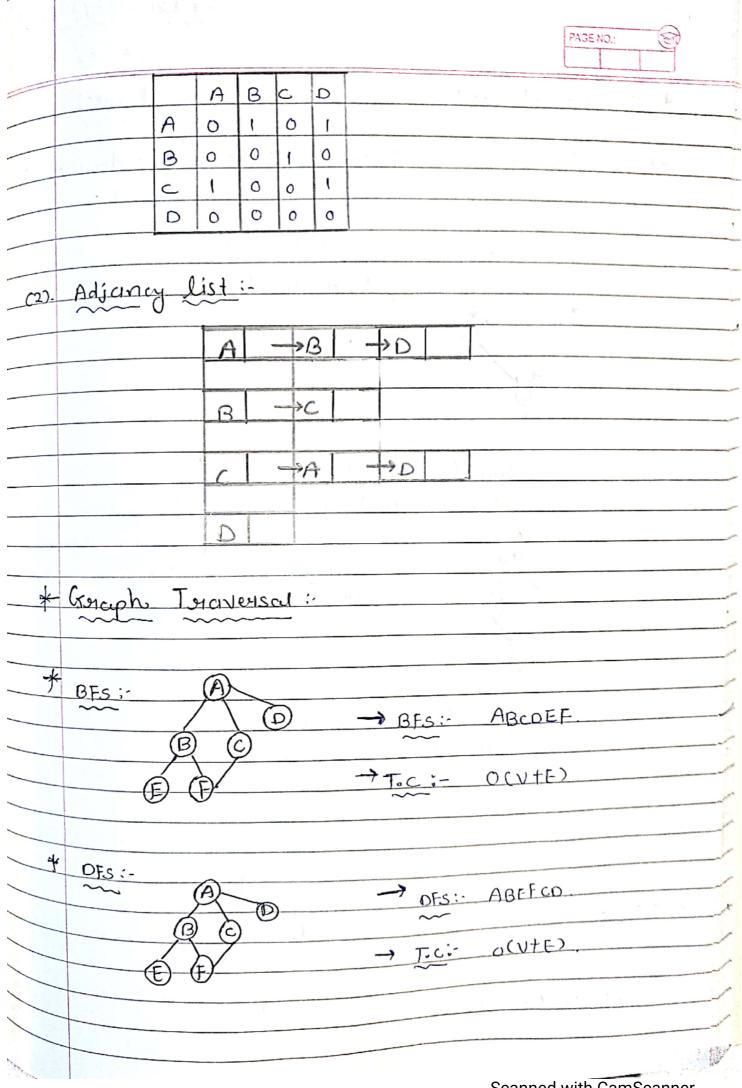
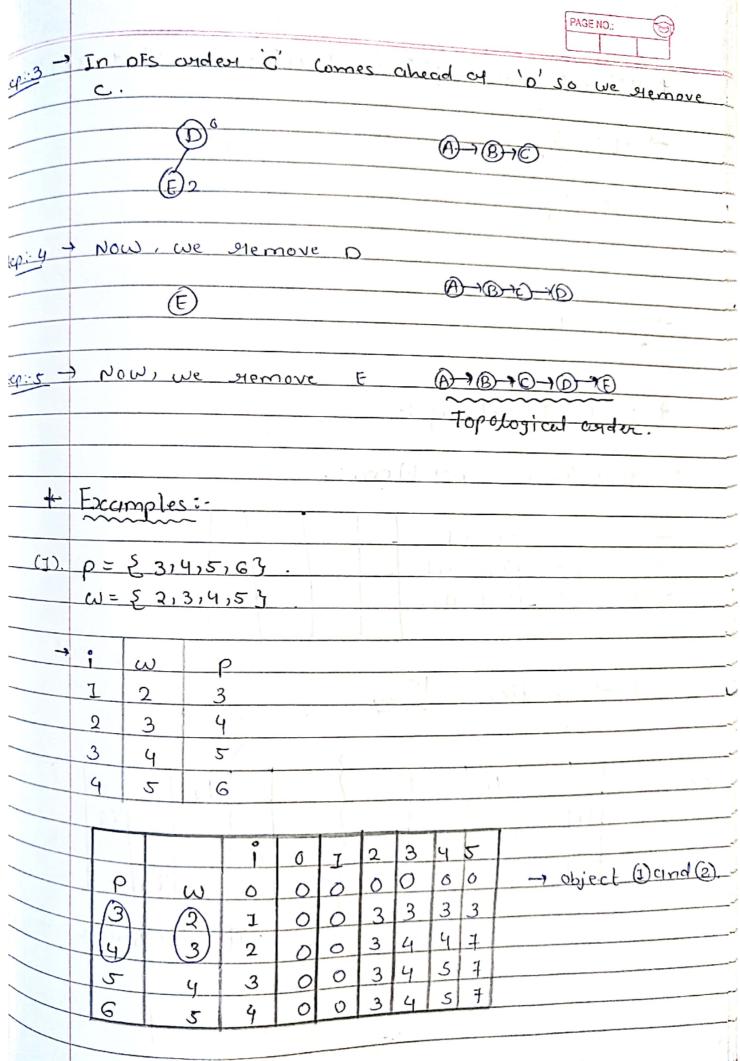
x	DAH - N.P.P.
7	PAGE NO.: O1 20 01 123
*	Graph.
-	A graph is non-linear data structure Consisting at
	nodes and Edges.
	$\bigcirc$ $\bigcirc$ $\bigcirc$ $\bigcirc$
	No.
	edges 7
	yentices.
	Verdices.
<b></b>	Types of goloph:
7.	~~ ~~ ~~~
<b>-+</b> )	Null and I.
	Null graph:
	0 0 0
	n=2 n=3
->	
	A graph which have no Edges beth vertices Is called
	Myll geraph.
- 0)	
2)	simple 991aph:
	A simple graph is the undirected graph.
	(A) (B)
	CO .
3)	
5/	undinected: AB
	Ć.



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	23 07 123
*	Topological sout:
	Find the Number of different topological anderings possible for given graph.
step: 1	Norite degree of Each verdex
	E
teci-9	Ventex-A has least in degree Premove vertex-A and it's associated vertex.
	2
tep:-3	ventex-B has least in degree.  Hemore ventex-B and it's associated ventex.
	E 2
# ->	Now. Cand p both have least degree so, we remove Newtex in DFs order
	DES:- ABCOF



FAGE NO.	[ May
+ V[i,w] = max { ][i-1,w], v[i-1, w-w[i]+p	11
- V[2,3]	
max. \$3,43	
Ans:- 243.	
+ Back Toracking:	
For queens problem:	
→ gows Jare not  — columns intersect  — diagonals Leach-other	
Total solution: 16c4.	
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