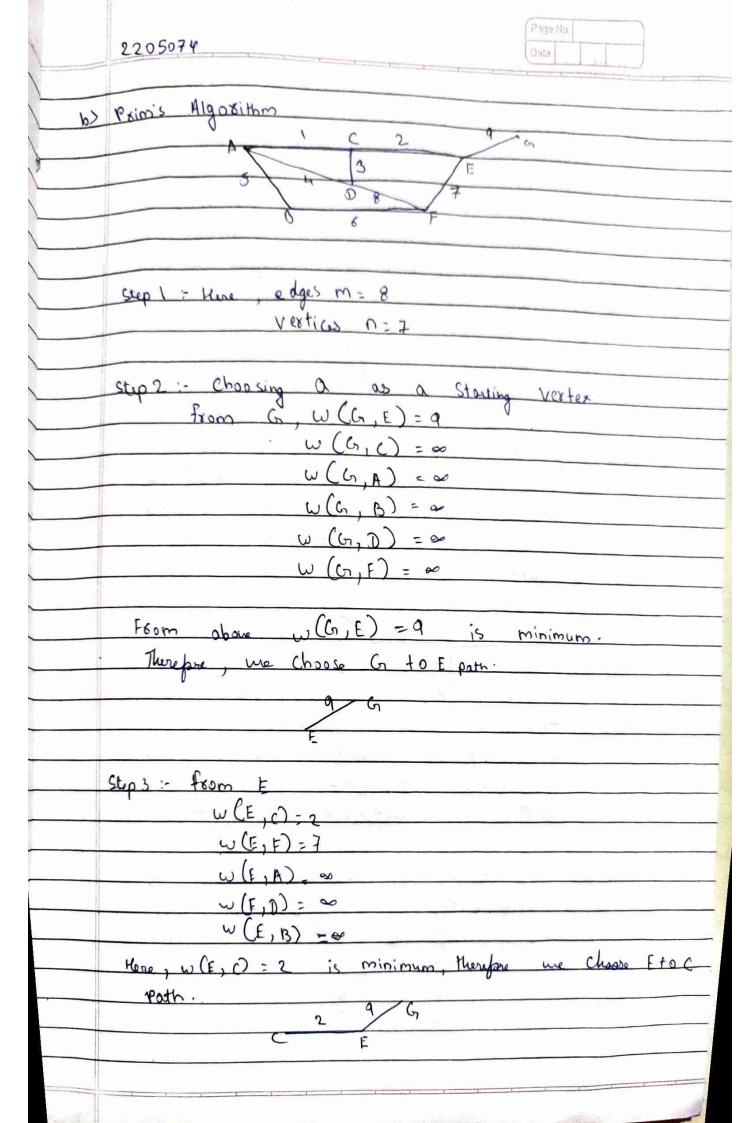
	Page No.
	Name :- hour hismusha
	Subject: DM ROHNO: 2205074
	DM Assignment No:-5
	Define following teams:
7	Troos: 14 treo is
	Trees: A tree is a Connected undirected goods with
1×	
6/	Forest: - A forest is an undirected graph in which any vertices are connected by at most one path.
C/	Node: A vextex of sooted tree is colled a leaf
9>	branch node: Branch node is any node of a tree that
	TOTAL .
6>	Annablaxe : The Annablaxe of a local
	Ancobtoxs: The Ancestoxe of a Vextex other than the
	to this vextex, excluding the vextex itself and including
5	the Boot.
13	Siblings: - Vertices with the Same parent is colled siblings.
	Subtree: If a is a vextex in a tree, the subtree with
_	of a and its plescendants and all edges incident to
	these des Condonts.
h	Diagraph: A directed graph, also called a diagraph is a graph in which the cages have a direction.
	graphs in which the Cages name a direction.



	Step 4: from C from E from G
	w(C, A)=1 w(E, F)=7 w(G,A)=0
	w(C, B)= ~ w(E, N)=~ w(C, B)=~
	$U(c, D) = 3$ $U(E, D) = \infty$ $U(c, D) = \infty$
	W(C,f)= ~ W(E,B)= ∞ W(G, f)= 0
	Here, w (c, u)=1 is minimum, therefore we chanse
	C to A Path.
	6
	2
	A C E
	Stop 5: from A from C from E from G
	W (A,D)=4 W (C,B)= ~ W(E,F)= 7 V(G,B)- ~
	w (a, f)= w (e, D)=3 w (E, D) - = w (C,D)-=
	w (A,B)=5 w (C,f)= ∞ w (E,B)= ∞ w (G,f)= ∞
	Kers, W (Cb) - 3 is prinimum, theorefore we Choose
	Poth (12D)
	9 6
	A 3 E
	D D
	Step 6: from D
	m (D,f)=8 frome from E from G
	w (D,B)-∞ w(c,B)=∞ w(E,F)=7 w(G,B)=∞
	w(C,B)= w(E,B)= w(C,B)=
	from abone f to f=7 is minimum so me
	Chase path & tof
11	A 1 C 2 9 CG
	3 7

Page No.

