	Date Page No.
*	Chinese Postman Problem
	Algorithm to jind shortest closed path or optional Chinese Postman Problem in a weighted graph that may not be Eulerian
	Step 1: If a graph is Ewlerian return sum of all Edge weights Else perform the following steps.
	Edge Weight $W(G) = \sum_{e \in E(G)} w(e)$
	degrees.
	the 3: List all possible pairings of odd vertices. For node vertices total number of pairings possible are (n-1) (n-3) (n-5). I
	Step 4: For each set of pairings, find the shortest path connecting them.
5	jets comerting pairs.
St	edges found is step 5.

Date Page No.
Step 7: Weight of Chinese Postman Tour is. Sum of all edges in the modified graph
Step 8: Print Euler Areuit of the modified graph. The Euler areuit is the Chinese Postmano Town.
The transfer was the second of

(Q)	Chimese Postman Problem:-
	B 19 C
	9/
	A 8 11 D
	5 5
	(10) 7
	F 20 E
	35
	We identify au oad vertices
-	
	(B) (c) (E) (F) + degree 3
	0
	This graph is not Eulero an
	The take painwise sets from these vertices and take minimum edge set from that.
	and take minimum edge set from that.
	Line Langer Langer Langer
	BC* EF.*
	BGC-18 EGF-19 = 37
S P P	BE* CF* PGE-11 (DGF-20 => 16+20= 36
1	PGE-11 (DGF-20 => 16+20= 36
	BF* CE*
	BAF-15 CDE-12 7 15+12=27
	We alect minimum Edge weight sum 27
	We ollet minimum edge weightsum 27 and these are the edges we will supplicate.
	We will duplicant edges BA, AF, CD, DE in
	one graph.

