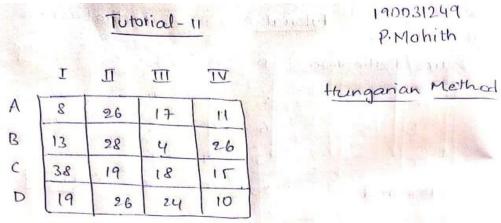
190031249 P.MOHITH

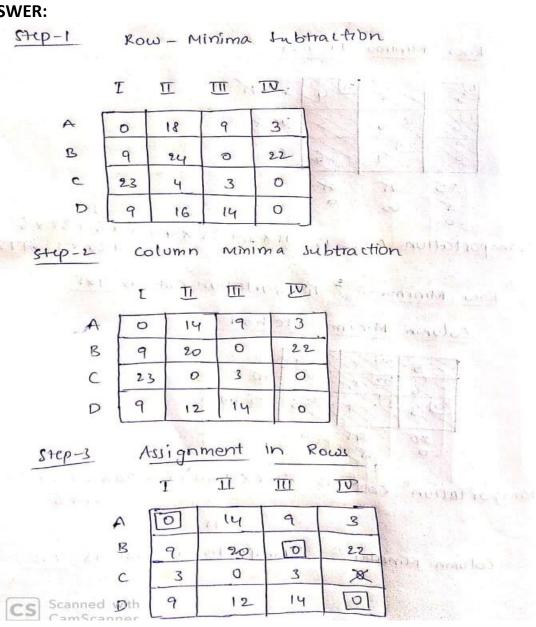
## **MP-1 TUTORIAL-11**

1. Demonstrate the Assignment problem using Hungarian method.

## **QUESTION:**

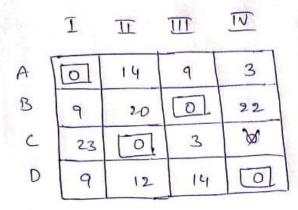


## **ANSWER:**



190031249 P.MOHITH

step-4 Assignment in column



step-5 (Draw Minimum Uncs)

- -> In each now only one Assignment is done
- -> In each column only one Assignment is done.
- -> All jobs are assigned, all persons are Assigned
- -> we have reached to optimal solution.

Assignments of Jobs  $A \to I , B \to III , C \to II , D \to IV$ 

Minimum no of hours

= 8 + 4 + 19 + 10 = 31 hours