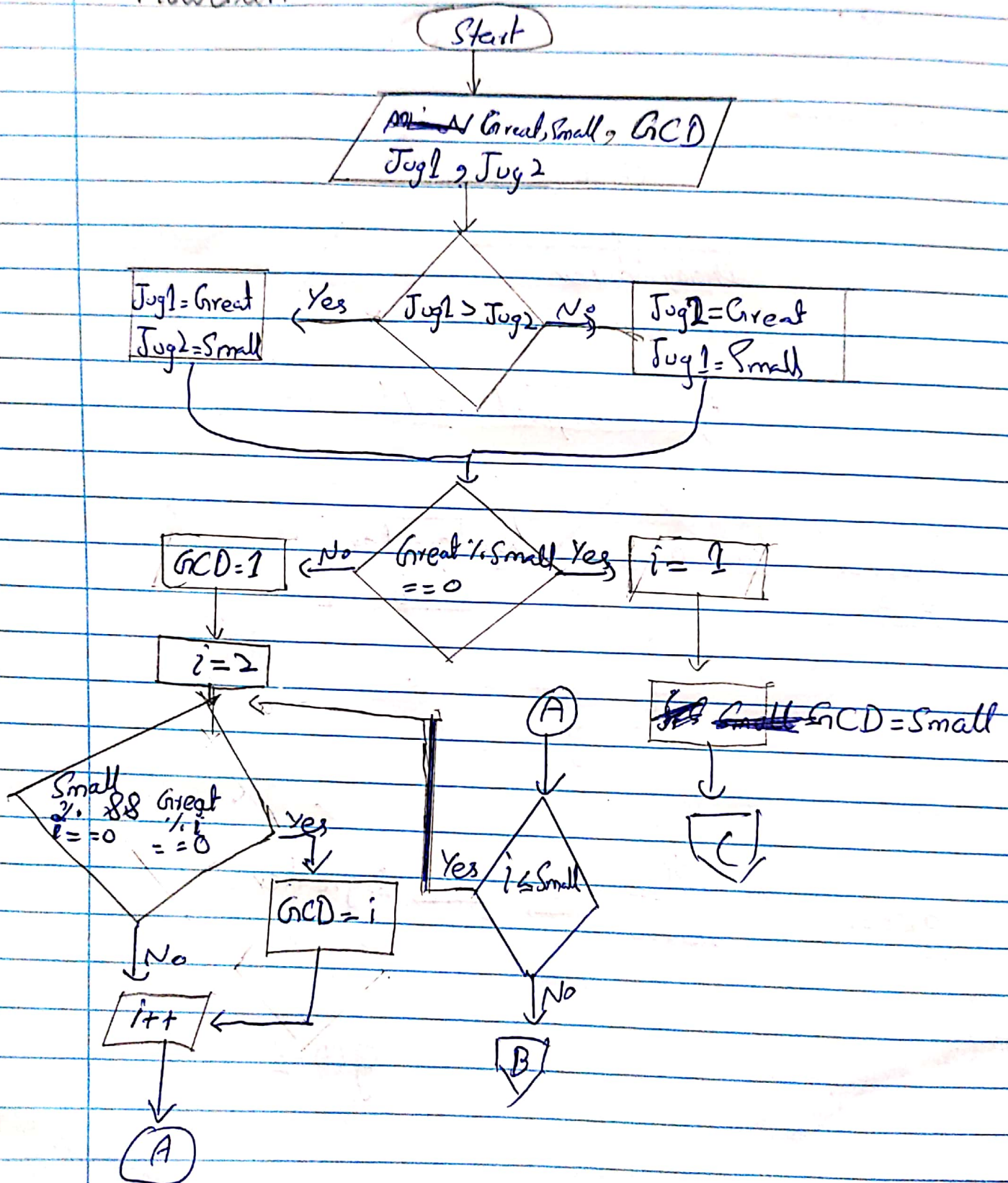
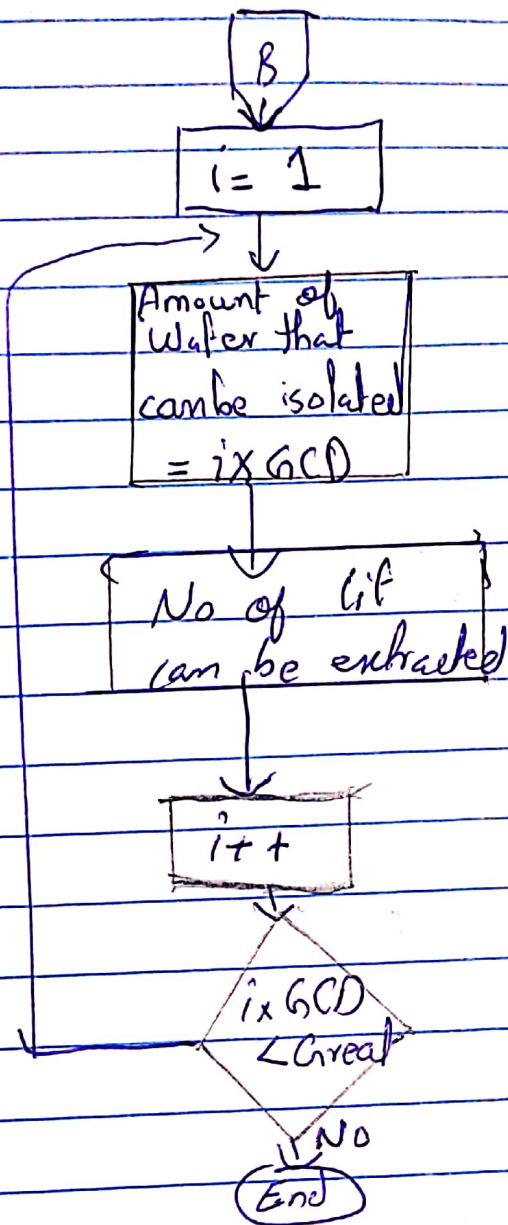


Qno: 13

Flowchart





Pseudocode

Start

Input $Tug_1, Tug_2, GCD, G_{great}, Small, i$
 If $Tug_1 > Tug_2$
 $G_{great} = Tug_1, Small = Tug_2$

Else,

~~$G_{great} = Tug_2$~~ , $Small = Tug_1$

If $G_{great} \% Small == 0$

Set $i = 1$

~~Set G_{great}~~

Set ~~$small = i$~~ $GCD = Small$

Else,

Set $GCD = 1, i = 2$

~~Repeat~~

If $great \% i == 0 \ \&\& \ Small \% i == 0$

Set $G \cdot GD = i$

~~Set $i = i + 1$~~

Else

$i = i + 1$

Until $i \leq Small$

~~End~~

Set $i = 1$

Repeat •

amount of water can be obtained = $GCD \times i$
Print "Amount of water can be extracted"

$i++$

Until $i \times GCD < GCD$

End.

extracted

IPD

Input

Log₁, Log₂

Processing

Output

Calculate how

The amount

we can extract of water

any amount of water that
needed by using GCD. can be extracted.