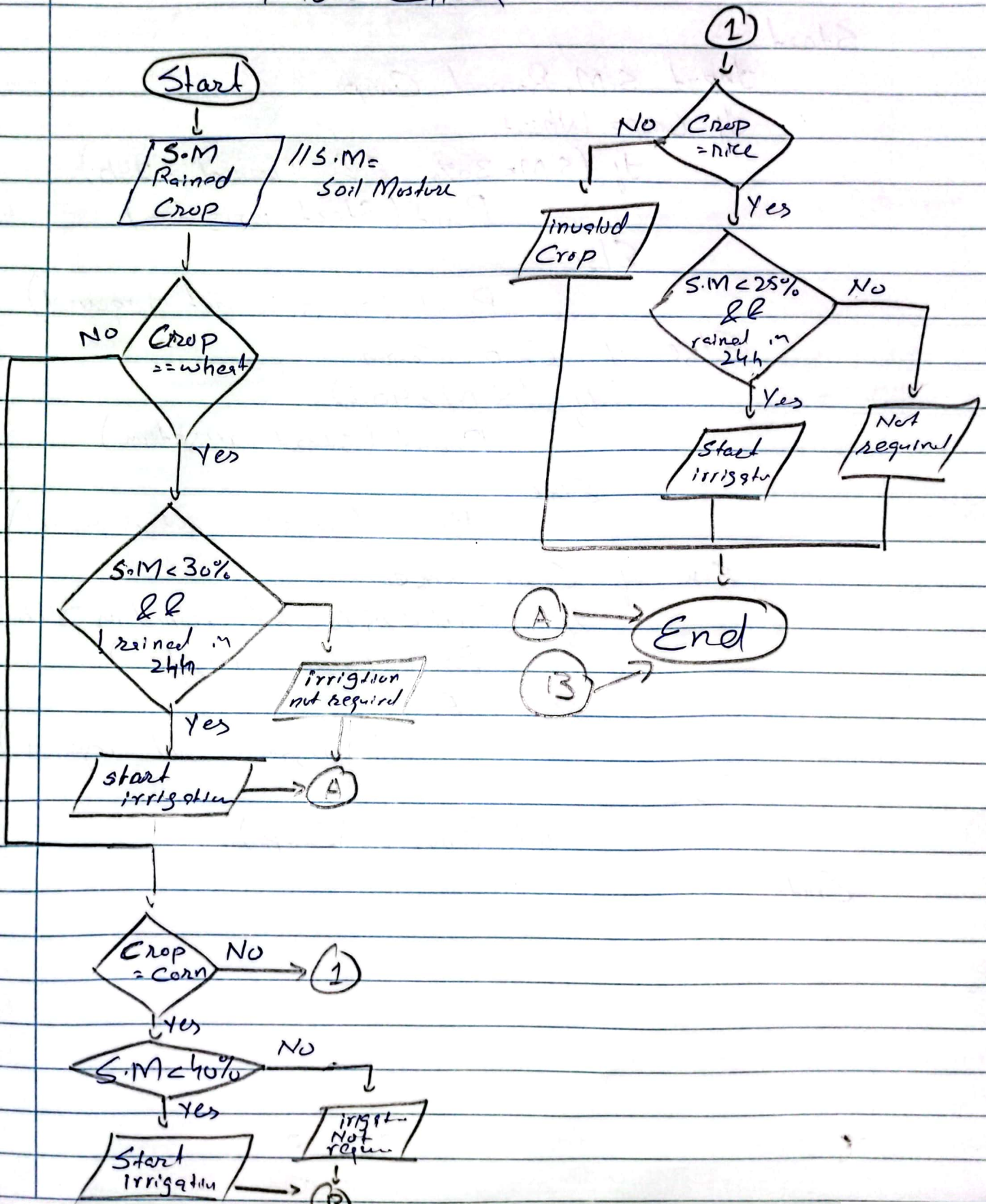


Roll no. 24k-0952

Date:

Problem 5:-

Flow Chart



Roll no. 24k0957

Date:

Pseudocode:

Start

Input S.M, Rained, Crop

If Crop = Wheat

If (S.M \leq 30% && !rained in 24h)

Print (Start irrigation)

Else

Print (irrigation not required)

Else if Crop = Corn

If (S.M \leq 40%)

Print (Start irrigation)

Else

Print (irrigation not required)

Else if Crop = rice

If (S.M \leq 25% && rained in 24h)

Print (Start irrigation)

Else

Print (irrigation not required)

Else

Print (Invalid Crop)

End.

Roll no. 24K-0957

Date: _____

IPO

Input

Soil moisture, Rain information, Crops.

Process:-

For Crop = Wheat

 $S.M < 30\%$ and not rained in 24 hour

For Crop = Corn

 $S.M < 40\%$

For Crop = rice

 $S.M < 25\%$ and rain in ^{last} 24 hour

Output

Display irrigation status according to conditions.