Q)5

Input	Process	Ouf Output
Type of crop	W S=M check	
Soil moisture%	soil moisture % of crop	"Irrigate crop" or
Rain in last 24 hours	and wether it	"not irrigate"
	has rained in last	
	24 hours or not	

Start

Crop

Wheat= W Corn=C Rice =R
Soil moisture = SM Crop=Cr

Cr=C
Crop=W

No — SM≤20% 30%

Yes

"Irrigate the Crops"

"Do not irrigate"

Cr=W
NO

Cr=W
Yes

SM≤30%
& &
no rain in
last 24h
No

Yes

"Irrigate"

Cr=R
No

Yes

End

SM≤25%
& &
no rain in
last
24h
No

Yes

"Do not irrigate"

"Irrigate"
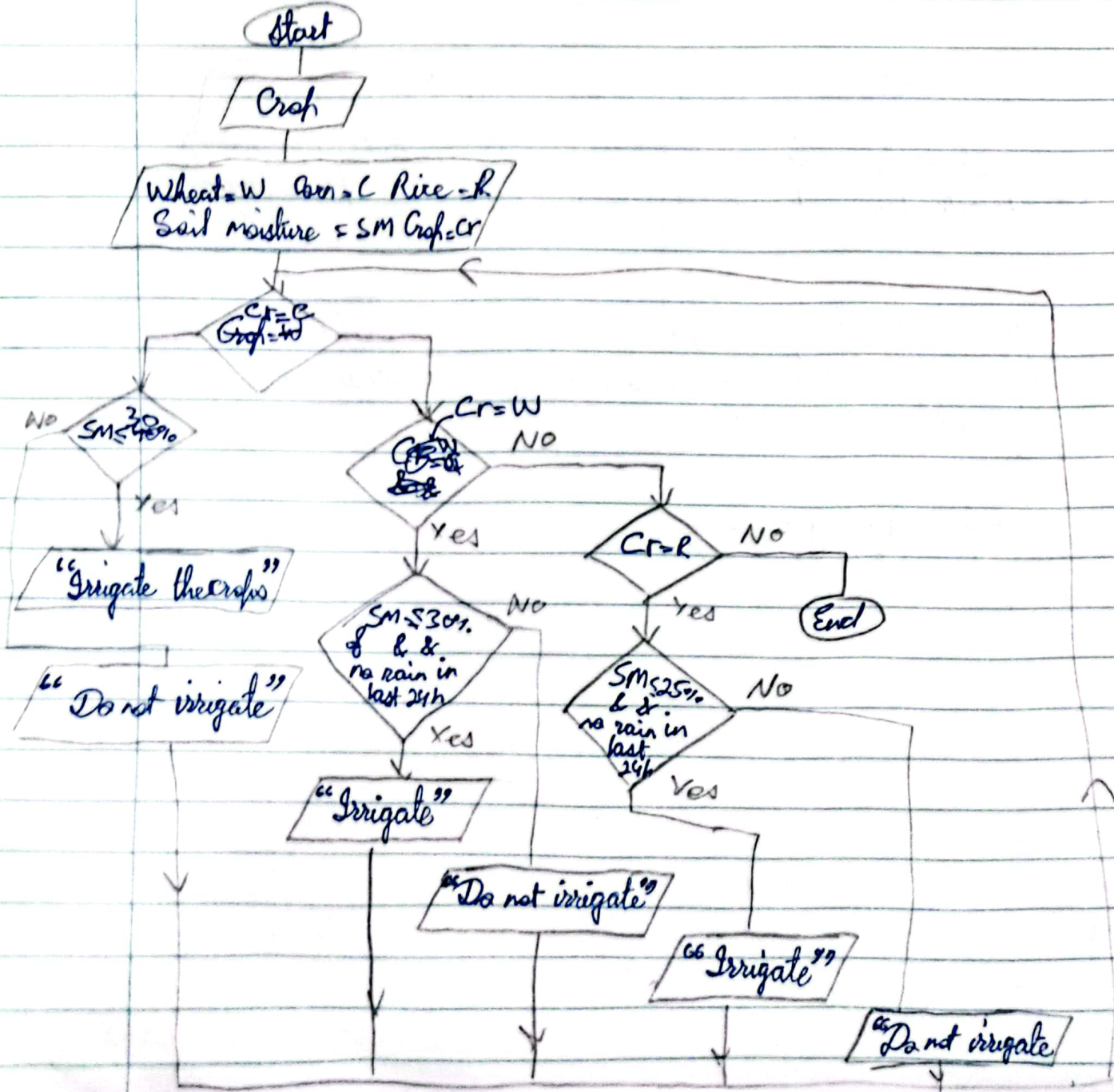
"Do not irrigate"

Q5)

```
Input
Start
Input 1 Crop

if Crop = Rice
    Soil Moisture ≤ 25% && no rain in last 24 hours
    print ("irrigate")
else
    print ("Do not irrigate")

if Crop = Wheat
    Soil Moisture ≤ 30% && no rain in last 24 hours
    print ("Irrigate")
else else
    print ("Do not Irrigate")

if Crop = Corn
    Soil Moisture ≤ 30%
    print ("Irrigate")
else
    print ("Do not irrigate")

End
```