	No.
	CHAPTER-1 Date: / /
I tolynd h	CROP PRODUCTION AND
1,1011	MANAGEMENT
in the	WILLIAM DANGERO TO THE WAR
at hat to	INTRODUCTION:
trad !	Basic terms:
1	Borrado satt como se alle secralita si elles
	Agriculture: Agriculture is the science
	and out of agriculture which
	and aut of agriculture which includes soil cultivation, production
100	of cuops, plantation of trees, livestock enhancement and fisheries.
lied to	enhancement and fisheries.
	- Property Property 1000
11 •	Crop: Same kind of plants cultivated at a place is called crop.
, 100	at a place is called crop.
	of president from surgice training
111.	in the rainy season are called
	in the rainy season are called
the lead	Khauif cuops. (June to September)
hall	Khauif cuops. (June to September) Example: Paddy, maize, soyabean, groundmut and cotton etc.
	groundmut and cotton etc.
	U
Mado av.	Rabi Cuops: The cuops guown in the
L'	Rabi Cuops: The cuops guown in the Winter season (October to March) are
	Called cabe crops.
	Example: Wheat, gram, pea, mustard
10/11	Example: Wheat, gram, pea, mustard and linseed.
	June to grando upo
٧,	Ploughing: The process of loosening and
	Ploughing: The process of loosening and twining of the soil is called tilling or Ploughing.
	Ploughing.

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\/1·	Manure: Manure is an organic subs
	Obtained from the decomposition of pl
	or animal wastes and are added
M. Marinado estrado perapera e esperancia	the soil for the healthy growth of pla

- VII. Fertilizers: These are the chemical substances which are rich in a particular nutrient.
- VIII. Irrigation: Thes is the agricultural process in which water is supplied to crops at different intervals.
 - IX. Weeds: The undesirable plants which may grove naturally along with the crops are called weeds.
 - X. Weedicides: The weeds are controlled by using certain chemicals, called weedicides. Example: 2-4, D.
- XI. Threshing: The process of sepanding chaff from the seeds with the help of machine is called thrushing.
 - XII. Minnoming: It is a manual process of Separation of grain and chaff.

	Date: / /
	Exercise
Q1:	Select the correct word from the following list and fill in the blanks.
	list and fill en the blanks.
	Float, water, crop, nersients, preparation
Jan 19 1 1	Flour, water, coop, maiores, p. sparation
0.	The come kind of plants arous on a
	The same kind of plants grow on a large scale at place is called
MILLS 6	crop alabed sto to theath of the
who be	The first step before growing crop is preparation of the soil.
.r. 11 1	preparation of the soil.
	Dama and sends uppeld lost on
desert.	top of water.
join de	For growing a crop, sufficient sunlight, water and nutrients
200019 1	sunlight, water and nutrents
Samuel	from the soil are essential.
	of a children that and soin
02;	Match the column
	(B)
(M) 13: (1)	ade in a seen i offe eith i great in d
galde,	kharif crops -> Paddy and Maize
in.	Rabi crops -> Wheat, gram, pea
dille	Kharif crops -> Paddy and Maize Rabi crops -> Wheat, gram, pea Chemical feetelizers -> Vuea and super phospho
ľγ	Organic manure -> Animal excreta,
Jon 11 m	Coulding, wiene
	Organic manure -> Animal excreta, cou dung, wiene and plant waste

64	Civa transporter of each.
NO.	Give-two examples of each.
α.	Kharif emp: Paddy, maize
b.	Rabi crop: Paddy, maize Rabi crop: Wheat, gram
	7
04:	Write a paragraph in your ouen words
	Write a paragraph in your own words on each of the following.
1	
a.	Preparation of Soil. It is the first step before growing a cuop.
	First task in the process is to twen the
	soil and loosen et. The process of loosener
-93	and turning of soil is called tilling or
	ploughing which is done by a plough.
	Ploughs are made of wood or even.
	The plough fields may have big pieces
	of soil called buimbs. These crumbs are broken and the field is levelled for sovieng and for irrigation.
	soviena and for irrigation.
	9
p.	Sowing! It is the process of putting seeds in the soil. For this purpose good quality seeds are selected which are clean,
	In the soil. For this purpose good quality
	healthy of good variety and give high
7 387 40	yield. Tools for sowing seeds are
13. E.J	healthy of good variety and give high yield. Tools for sowing seeds are tra ditional tools shaped like funnel and a seed drill.
931	and a seed drill.
	Conned with Company

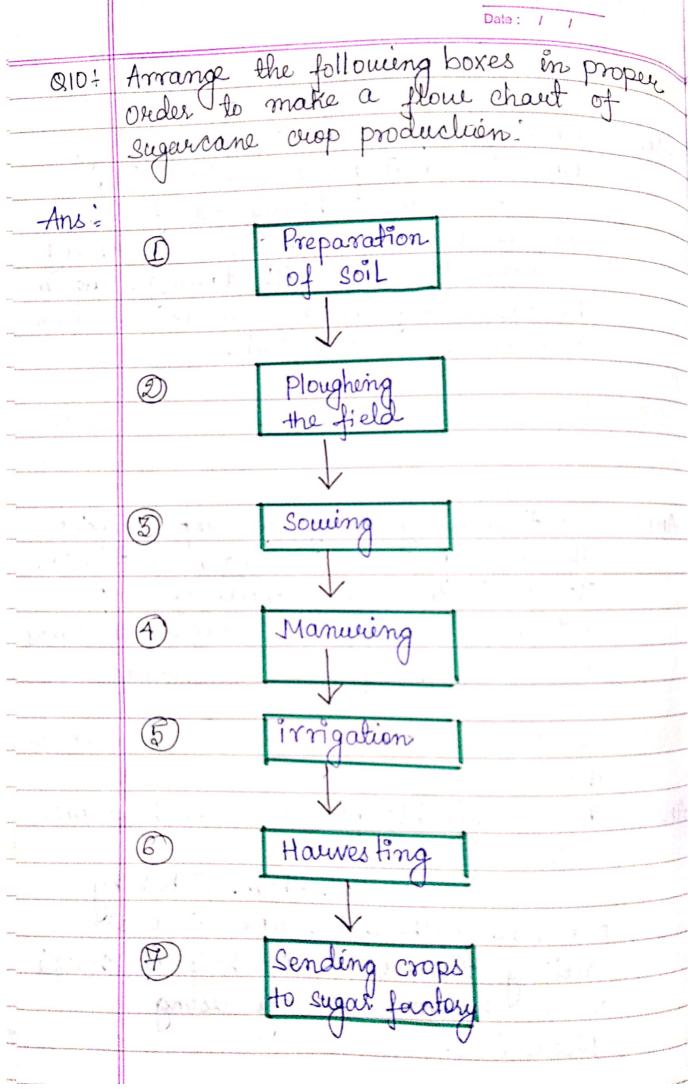
C.	Weeding: In a cro	p field many
1 1	Weeding: In a cro other undesirable	slants may grow
11.11.	naturally along u	ielly the cuop.
	These are called in	eeds. Weeds are
	to be removed to	protect the crops.
	The process of rum	
	called weeding. 4.	f weeding is not
3.	done, the growth of	f the crop is
	adversely affected.	tooks pill . ve
	Charles Charles	y wiede tials - d
d.	Threshing: When the	e crop mature,
	they are cut. This	process is called
	harmesting. After &	rarriesting the
W A	crops are threeshed	for removing
100	grain seeds from the	2 chaff.
E Tri	Miss of the state of the Main	The Walley H
85:	Explain how feetlig	ers are different
	from manue.	I was district
	n Wavalu-	dolugan in
ø	Fertilizer	Manuel
1,	Fertilizer is an all	Manuse is prepared
Charles!	inorganic substance.	Organic substance.
11 3 100	Fertilizer is prepared	Manure es prepared
	in the factories	in the fields
lii ,	tertilizer does not	Manue provide a
	to the soil.	lot of humus to
	1 comments of the comments of	the soil.
Iv.	Fertèlizers aue very	Manuse is not very
	rich in plant nutrients	rich in plant nutrients.
Statem.	16	There is it is a second of the

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	The second secon
Q6;	What is irrigation? Describe two method of irrigation which conserve water.
LUNIO	of irrigation which conserve. water.
Ans:	The supply of water to crops at different
	The supply of water to crops at different intervals is called irrigation.
1 16	Two methods of irrigation which consume
10	Water aue: Traditional Methods of Irrigation. By Moot Cpulley system) By Chain pump By dhekli Clever System) Rahat
or .	By Moot (pulley system)
Ь.	By chain pump
0.0	By dhekli Clever System)
d.	Rahat
	Contract the solution of the s
o li ·	Modern Method of irrigation
0 6	Sprinkler System: In the system
	11.0 to 0.71-0.00
t	nozzles of the peupendicular pipes Which are joined to the main pipe line at regular intervals
	which are joined to the main pipe line
	at regular intervals
Humas	Drip system: This is the system of
joursel.	irrigation, in which the water falls drop by drop just at the position of the moots of the crops.
Longen	drop by drop just at the position of
. A.	the noofs of the crops
n slin	
ده الا	and to tal I something with the
	life of the William Wall
	as younged hours are agained in
Make the articular and agreement of the delivery and apply the control of the last	

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shoe		0	

09:	If wheat were sown in khairef season,
	What would happen? Discuss.
-Ans:	Khauif crops need lot of rainfall,
	whereas wheat needs winter (cold)
proprieta a servicio de la companya	Season and not heavy rainfall.
And the second s	30, et wheat were! sown in kharif
and the same of th	season, the crop will damage due to
A STATE OF THE STA	heavy rainfall as well as collection
	of water in the field.
08;	Explain how the soil gets affected by the continuous plantation of crops in a
	continuous plantation of crops in a
	Here.
Ans:	Continuous growing of crops makes the soil poorer in certain nutrients.
	the soil pooler in certain numents.
	To avoid this, a method of veop-
	rotation is adopted, which maintains the neutrients of the soil intact.
	the nutrients of the soil infact.
89:-	What are weeds? How can we control
010	them?
Ans:	The undesirable plants in the field are
	called Weeds with weeks
	We can control them either by
A second	manual method is upropting of
	cutting them with the help of Khurpi or a harrow or by using Weedicides.
-	or a harrow or by using
	Weedicides.



011:-	Word Puzzle
	1. Providing water to the cuop
A A S	2. Keeping crop grains for a long time under proper conditions.
Mala	3. leutain plants of the same kind grown on a large scale.
Across.	The matured was.
1. 1-10	The matured crop. 4: A rabi crop that is also one of the
	6. A process of separating the grain from chaff.
1 12 1	from chaff.
11	I. I. C. S. S.
	HARVESTER
<(P)	WARRIET MAINER ON
	GIRAM G
Charles	T E C
	O R W T NN O W I N G
	WINNOWING