Laxmi Narain Dubey College, Motihari

(a constituent unit of B.R.A. Bihar University, Muz.)
NAAC Accredited 'B+'

National Cadet Corps (NCC)

Topic: Rain Water Harvesting

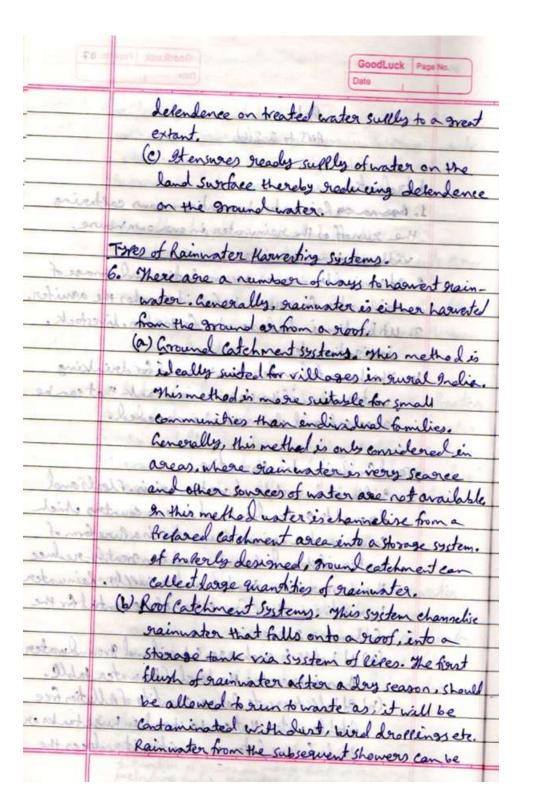
NCC - Common Subject B/C Certificate Examination

Instructor

Lt. Durgesh Mani Tewari ANO- 4/25 COY.

dmtewari@gmail.com

944	1 (c) et en uses reache will be objected as
	Introduction.
	1. Age no or Reinwater howerting means carthering
	the runoff of the trainwater in our own house,
	village, town or eity.
Susan	2. It basically means accumulation and storage of
town	raininates for neuse, before it greaches the aguifer
	3. Utilisation includes water for garden, livestock,
ichad	insigation etc
Dale	4. The howested water can be used for drinking
· ·	water also, if the storage is a tank that can be
*676	accessed and cleaned when reeded.
سال	Lonesvally this rother is alter miles
33/84	weed for hainwater Kangsting.
Idion	5. India is in a state of water crisis. Floats and
A.mi	descushts so hand in hand in our country which
astrer.	Causes water crisis, Rainwater is a Ruse form of
	water if speed bokaly and can greatly reduce
	the fremuses on treated water sully. Rainwater
channel	harvesting is therefore extremely essential for the
- ot	following reasons:
tochel	(a) 9t helps to sucharse Sub sail and groundwater
	thus increasing the level of the water fable.
	(b) It hells to create large quantity of pollution free
	Potable water that can be stored in huge tanks or
canbe	fonds for use later on Incities, it reduces the



GoodLuck	Page No.
Date	

harvested. Roofs and lipes should have sufficient incline to avoid standing water, whey must be Strong enough and large enough to carry leak Clows. storage tank should be covered to kevent mosquito breeding and to reduce evaluration losses, Contamination and alge growth, This system regular maintenance and cleaning, to keep the system hygienie and in good working order. This method is most suited for towns and cities. @ Subsurface Dyke. A subsurface dyke is builtin an aquifer to obstruet the ratural flow of ground water, thereby raising the grainduater level and increasing the amount of water stored in the aquifer Example, the substitute deske at Krishi Vigyan Kendra, Kannun under Kena Amicularal university with the suffer of GCAR. The dyke is now the largest rainmater harvesting System in that region.

Grandwater Recharge.

To Rainwater may also be used to recharge groundnater where the grunoff on the ground is collected
and allowed to be absorbed, adding to the groundants
In India this encludes lands which collect the
grun-off from small streams in a wide area.
In India, reservoirs called tanks mere used
to store water truically they were shallow with
mudualls.