### ASSignment - 02 23AMIACE 79 driver of the water the

- 1. Difference lockween renewable and non-renewable resources with example?
- 2. Mention any two awarness programmes of environmental issues to student.
- 3. By means of neat sketch. Explain characteristics, multidis, ciplinary nature of Environment science?
- u. write any three major resources. write about major natural resources?
- 5. By means of neat sketch, explain charactristics function of Ecogystem structure?
  - 6. what is uses pyramid of energy and pyramid of number? Explain by mean's of sketch? ...
  - 7. write characteristics features structure & function. The wat the Et to be sently and

-bash! was it is not thought in I "in some (1)

wind and a section of a security in the

was a set our formation of

Course to the record of the Everit wille

- \* Forest ecosystem.
- \* Grassland ecosystem.
- \* Desert e cosystem. the second of the second

1) It can be used again & again & again & again & again & & again & & again as it is limit conich can be depteted with a limited of mantity.  2) These resources are present in unlimited of mantity.  3) The total cost of these resources is low.  1) It can't be used again as it is limited conich can be depteted and it is limited and it is limited.  2) These resources are presented is another than a limited and it is limited.  2) These resources are presented in a limited and it is limited.  2) These resources are another than a limited and it is limited and it is limited.  2) These resources are another than a limited and it is limited and it is limited.  2) These resources are another than a limited and limited and it is limited.  3) The total cost of another than a limited and limited an				
throughout the life.  2) These resources are Present in unlimited quantity  3) The total cost of these resources is low  W) These resources is Pollution free  5) This environment  Conich can be depleted to his imited and the present in a limited an	ιA〉	Renewable resources	non-renewable resources.	1
Carbon emassion is emission is high		again & again  Hiroughout the life.  2) These resources are  Present in unlimited a mantity  3) The total cost of these resources is low  W) These resources are Pollution free  5) It is environment friendly as the carbon emassion is	2) these resources are Present in a limited Quantity only.  3) the total cost these resources is high  W There resources are not polcution tree  5) It is not environment Priendly as the carbon	

Environmental awerness can be defined as the understanding of the impact of human beings an the environment i.e., understand how daily actions if finence the enuryonment & how this affects the future of our space.

Many times when talking about environmental Problems the destruction of the ozone layer, global warming the alarming increase in waste generation come to wind.

## Need for Public Awarness: ~

#### \*Grawing Opelation:~

- > Human Population An explosite growth
- -> Human needs limited resources.
- -> our natural Environment unber attack
- -> Roles of technology & engincering
- -> Anuncertain future.
- \* Poverty: ~ India has often been described a rich land with Poor People. The poverty & Environmental legradation are mixed with one another.

### \*Environment Degradation;

D- 1410

It has a diversely affected the poor who depend upon the resources of their immediate surroundings.

Life Sciences, micro

biology, biology,

bio chemistry & physics, chemistary

earth science etc

moduling

computar science

studies

maths, etc

Physical sciences

physics, chemistary

earth science etc

science etc

earth science etc

civil en

studies

chemical

management awarness.

Law, education management & ethics

civil engineering chemical engine hyderaulics, hano technology etc.

- > The resources that are derived from the environment are called as natural resources.
- -> Some of them are most essential for our living while most of them are used for Satisfying our needs.
  - They are used to promote the man kind.

    Major Nahural Resources

### \* forest Resources:

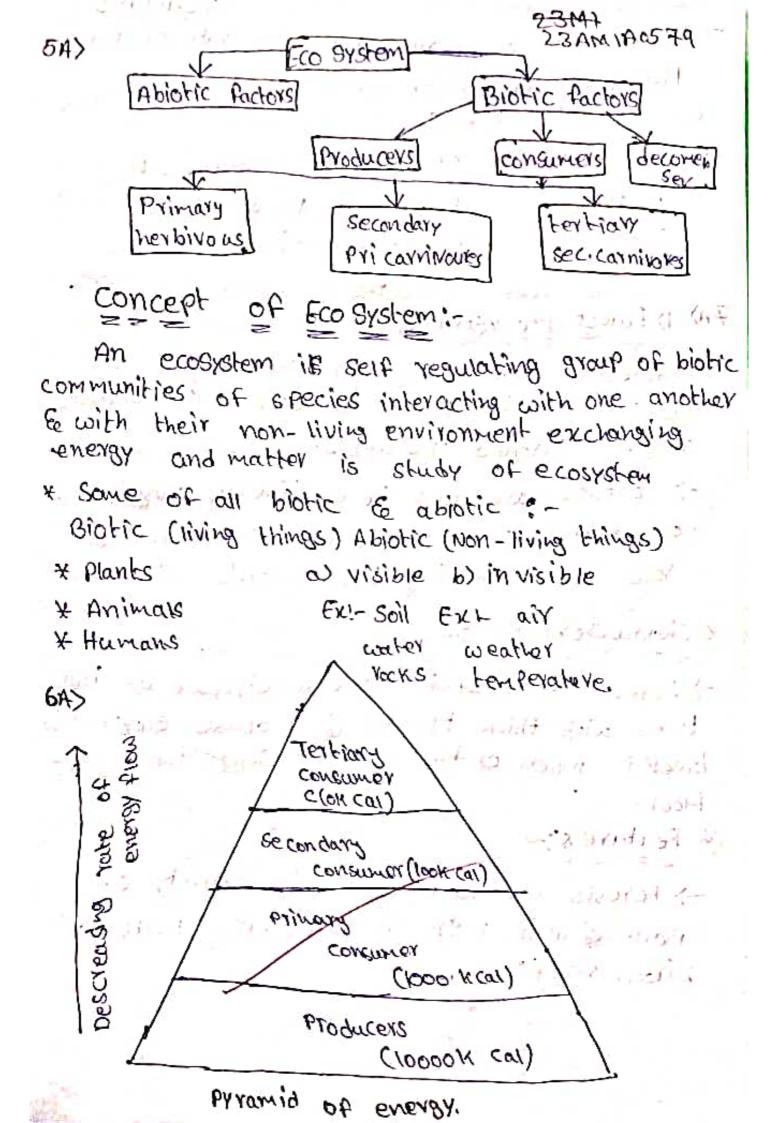
- -> Approximately 13rd of the earth. Surface area is covered by forest.
- -> In india forest are is 6.90899 89.4m
- -> In india forest cover all Y. 2102%.
  - -> In Andhra Pradesh forest areas 3691469 Km
  - -> Andhra Pradesh state rank is 9th place.

# \* Food Resources:-

- -> The basic necessity for the survival of human being is food.
- -> main nularients present in ourfood are Proteini car bohydrates etc.

# \* GNEABA LEROMACER :"

- -> An energy resources is a resource Hat can produce electricity natural resources etc.
  - -> These are energy sources coal, solar, wind



-> The Pyramid of numbers shows the Yelationship between Producers & consumers at successive trophic levels

# 7A) 1) Forest Ecosystem 2 3 7 10 199010

forests are ecosystem dominated by trees & can be found in different elimatic regions around the world.

of flora & fauna & play an important role in regulating the earth's climate.

## \* Characheristics:~

Trees with thick trunks & a dense campy that blacks much of the sunlight from the forest floor.

### \* Features:~

-> Forests are home to a wide variety of Plant & animal species including mammads bitls, reptiles etc.

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\* Structure:-

several layers state with the -> Forest-s have canopy hyper which consists of the tops of the tallest trees

### \* Functions:-

- -) Forest easystem, Provide a wide range of ecosystem services including regulating the climate, perifying air & water.
- 2) Grassland Eco Systems-
- -> Grassiands are ecosystems are dominated by grasses. & other herbara herbaceous plants with few a not less.
- \* Character istics: »
- -> Grassland ecosystems are ecosystems dominated by grosses & other plants.
  - \* Features:~
- -> Grassland are home to a wide variety of Planty & animal species including birds, insects etc.
- \* Structure !-
  - -> Grasslands are typically divided into two types. Tall grass prairies.
  - \* Functions:-

Grasslands ecosystems provide a wide range sexuices including soil stabilization of ecosystem carbon sequention

43 Desalts Ecosystem:-

are ecosystems chouracterized by a → Oesevts or seri-arid conditions with low & irregular rain fall

\* characteristics:-

-> Deserts are characterized by extreme temperature functuations low rain fall & high evaporation.

#### \* features:

peserts have a unique margy of Plants & animal species that have adopted to Surveyive in the housh conditions.

\* Structure: - 12 Million

Desert have a distinct physical structure, with sparse regatation & a sandy or rocky · terrain

\* Functions:

Desert ecosystems provide a range of ecosystem services including soit stabilization et co

Wind ign