

UNIT IV

1. What exactly is implied by the term - 'nature'? Explain

- All the physical objects that are in solid, liquid or gas state either living or non living, collectively termed as nature.
- In other words, the aggregate of all the mutually interacting units - big or small can be called nature.
- These units are infinite in number and we could easily observe that there exists a dynamic balance, self-regulation among all these units.
- There are four orders of nature:
 - Material order
 - Pranic order
 - Animal order
 - Human order

2. What are the four orders in nature? Briefly explain them

The four orders in nature are –

1. Material order.
2. Plant/Bio order.
3. Animal order.
4. Human order

1. Material order:

- The big land mass of continents, huge water bodies like ocean and seas, mountains and rivers, the atmosphere above, fossil fuels deep below the earth's surface – all belongs to the material order.
- Also, the stars, planets, moons and various astronomical bodies come under material order.

2. Plant/Bio order:

- Also known as pranic order.
- Shrubs, plants and trees from huge forests along with the flora in the ocean.
- All of this is the plant/bio order.

3. Animal order:

- Animals and birds form the third largest order and we call them the animal order.

4. **Human order:**

- Humans are the smallest order and they are referred to as human order.

In terms of quantity –

Material order > Plant/Bio order > Animal order > Human order.

3. **Write a short note on the recyclability and self-regulation in nature.**

- There are several cyclical processes that we can see in nature.
- For example the cycle of water, evaporating, condensing and precipitating back to water giving the weather phenomena. The cycles keep these materials self-regulated on the earth. Breeds of plants and animals are similarly self-regulated in their environment.
- In a forest, the growth of trees takes place in a way so that the amount of soil, plants and animals remains conserved. It never happens that the number of trees shoots up and there is a lack of soil for the trees.
- The appropriateness of the conditions for growth of both plants and animals are self-regulated in nature keeping the population proportions naturally maintained. This phenomenon is termed as self-regulation.
- In a single breed of animals, the number of males and females generated through procreation is such that the continuity of species is ensured by itself.
- This happens with humans too, but inhuman practices have led to disproportionate numbers of men and women.
- These two characteristics namely, cyclical nature and self-regulation provide us with some clues of the harmony that is in nature.

4. What do you mean by ‘innateness’? What is the innateness in the four orders?

- Innateness means intrinsic quality.
- Each unit in existence exhibits an innateness, an intrinsic quality that cannot be separated from it.

Order	Material	Plant / Bio	Animal	Human
Innateness	Existence	Existence + Growth	(Existence + Growth) in Body + Will to live in ‘I’	(Existence + Growth) in Body + Will to live with Happiness in ‘I’

1. Innateness of the material order:

- Look at all the material order.
- It is possible to convert material things from one form to another form.
- However, it is not possible to destroy it.
- Thus, ‘existence’ is intrinsic to all the material.

2. Innateness of the plant/bio order:

- If you have a plant, you cannot stop it from growing.
- It will continue to respire and keep changing in this way.
- Thus ‘existence’ and ‘growth’ together are the innateness of the plant/bio-order.

3. Innateness of the animal order:

- Animal body is a development of the plant/bio order.
- Animal is a coexistence of –
 - Animal body + Self
 - (Existence + Growth (Will to live in ‘I’)
 - in animal body)

4. Innateness of the human order:

- Human being is coexistence of –
 - Human body + Self
 - (Existence + Growth (Will to live with happiness in ‘I’)
 - in human body)
- Each one of us not only wants to live, but also wants to live with happiness.

5. What is the *Svabhava* (natural acceptance) of a unit? Elaborate on the *Svabhava* of the human order.

- When we look at the different orders, we find that each order has a certain 'value'.
- This is the 'usefulness' or 'participation' of the order in existence.
- This 'value' or 'participation' is also referred to as 'natural characteristic'.

Svabhava of the Human order:

Human being = co-existence of Human Body + Self ('I').

- The svabhava of the human body is to **nurture** (or) **worsen**.
 - The svabhava of the Self (I) in human beings is –
 1. Perseverance.
 2. Bravery.
 3. Generosity.
1. **Perseverance**: To understand and live in harmony of all the four levels, living with this commitment without any anxiety / mental uneasiness.
 2. **Bravery**: To understand and live in harmony of all the four levels and I am ready to help the other to have the right understanding.
 3. **Generosity**: To understand and live in harmony of all the four levels and I am ready to invest myself, my body and wealth to help the other have the right understanding.

6. What do you mean by ‘conformance’? Explain the conformance in the four orders.

Each unit ‘conforms’ through the principle of conformance.

Order	Material	Plant / Bio	Animal	Human
Conformance	Constitution conformance	Seed conformance	Breed conformance	Right Values conformance

1. Material order:

- The continuity of the fundamental nature of the material unit is preserved through the physical and chemical processes.
- Example: Iron. Each atom of iron conforms to the constitutional structure of ‘Iron’.

2. Plant/Bio order:

- A neem seed will always sprout a neem plant.
- Everything in the neem plant – its leaves, its flowers, its fruits, the taste of the leaves, the colour of the leaves – this basic information of every neem plant is stored in the seed.
- We can say, ‘as the seed, thus the plant’.

3. Animal order:

- Animal conforms to its breed or has breed performance.
- A cow is always like a cow and a dog is always like a dog.

4. Human order:

- Humans are not according to our race, as in animals.
- As we grow up, we may pick up something from our Parents, but we are very different from them in many ways.
- We humans are according to our imagination, desires, thoughts and selections in ‘I’.

7. Differentiate between units and space. How are units self-organized in space?

There are two kinds of realities in existence: units and space.

Unit is something that is limited in size. Like a small blade of human hair to the biggest planets we know of, they are all limited in size i.e. bounded on six sides. So all the things we have been studying so far: the human beings, animals, lumps of matter as well as various atoms and molecules, are all units. We can recognize them as such, they are countable.

Whereas, space is not a unit but it exists, as a reality. We can't touch it, smell it. We normally just see through it. It exists everywhere. In other words, the empty area all around the nature is space.

Every unit is an organization. A unit recognizes other units and combines to form a bigger organization. Starting from the atom, to the big galaxy, this organization goes on, as a self-organization. At every level, we get a self-organization. Sub atomic particles recognize each other and come together to form atoms. Cells recognize each other and form organizations like organs and a body. Planetary bodies, solar systems, galaxies are still bigger organizations.

All the units of four orders are self-organized. No one is organizing them from outside. No one is supplying this organization. This self-organization is available to units being in space. Hence, for space, we say 'self organization is available'.

8. What is the role of material order and bio-order in the fulfilment of human needs?

How does understanding of existence help in right identification of the above?

- All the first three orders help the Human Order to have the Natural Acceptance to be mutually fulfilling with the three orders. But human beings are not able to ensure this fulfilment.
- The Material Order helps the Human Order by providing soil, minerals, metals, oxygen etc. but Human beings in return are polluting the Material Order and depleting the fossil fuels.
- The Plant order helps the Human order by providing food, oxygen and by absorbing Carbondioxide. In return, the Human beings are destroying forests and many species of plants and herbs.

- The Animal order provides the Human order with food, wool, leather, means of labour and transport etc. The Human beings in return have made several species of animals extinct.
- Thus, except the Human order, all the other three orders are in harmony with each other and are also fulfilling the Human order. It is high time that the human beings learn to live in harmony with the other three orders.