

## **General Biology Notes for IAS and PCS**

## **Chapter no1: Subdivision of Biology**

## **Subdivision of Biology**

- 1. Zoology Study of living & dead animals.
- 2. Paleontology- study of Fossil and ornithology- study of Bird
- 3. Phrenology Study of human Skull

Anthology – Study of flowers

Agrostology – Study of grass

Agronomy – Crop cultivation

Palynology – Study of Pollen grains

4. Ichthyology – Study of fish

Entomology – Study of Insect

Malacology – Study of Mollusks/ Fungus

- 5. Entomology Study of Insect
  - Ethnology Study of different races of mankind

Ethology – Study of Animal behavior

Ethics – Psychological duties

Ethnography – study of specific culture

- 6. Bionomics Study of properties and method of biological systems found in nature and use of this knowledge in Mechanical worlds.
- 7. Paleo botany Dealing with recovery and Identification of plant remains from geological contexts. Prof. Birbal Sahni called "father of Paleo botany"
- 8. Apiculture Rearing Bee

Horticulture – Fruits & flowers

Sericulture - Rearing silk worm

Floriculture – study of flowers for decoration work

Pomology- study of Fruits cultivation

Vermiculture – study of Earth worm

- 9. Pisciculture Study of fish
  - Lexicology Compiler of dictionary

Iconography – Study of Idols/ Arts

Philology – Study of Language

- 10. Study related to plants being used as vegetable is called "olericulture"
- 11. Viticulture Study of grapes

Gerontology – Study of old age

Pedology - study of Soil

Osteology - Study of Bones

Orology – Study of mountain

12. Serpent ology – study of snake

Philatelist – collects stamps

Hydroponic – Plant w/o rich enrichment

13. Lithotripsy – Breaking of kidney stone by rays

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## **Other Link for study UPSC-UPPCS**

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