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BIO - 111 Introductory Biology 2(1+1)

Theory

Introduction to the living world, diversity and characteristics of life, origin of life, Evolution and Eugenics. Binomial nomenclature and classification Cell and cell division.

Morphology of flowering plants. Seed and seed germination. Plant systematic- viz; Brassicaceae, Fabaceae and Poaceae. Role of animals in agriculture

Practical

Morphology of flowering plants – root, stem and leaf and their modifications. Inflorescence, flower and fruits. Cell, tissues & cell division. Internal structure of root, stem and leaf. Study of specimens and slides. Description of plants - Brassicaceae, Fabaceae and Poaceae.

Lecture Schedule: Theory

S. N.	Topic	No. of lectures
1.	Introduction to the living world, diversity and characteristics of life, origin of life, Evolution and Eugenics.	3
2.	Binomial nomenclature and classification Cell and cell division.	3
3.	Morphology of flowering plants.	2
4.	Seed and seed germination.	3
5.	Plant systematic- viz; Brassicaceae, Fabaceae and Poaceae.	3
6.	Role of animals in agriculture	2

Lecture Schedule: Practical

S. N.	Topic	No. of lectures
1.	Morphology of flowering plants – root, stem and leaf and their modifications	3
2.	Inflorescence, flower and fruits.	2
3.	Cell, tissues	3
4.	cell division	2
5.	Internal structure of root, stem and leaf.	2

6.	Study of specimens and slides.	2
7.	Description of plants - Brassicaceae, Fabaceae and Poaceae.	2

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