

Class 11 Biology Deleted Syllabus

Term- 1

Chapter-1: The Living World

taxonomy and systematics; tools for study of taxonomy- museums, zoological parks, herbaria, botanical gardens, keys for identification.

Chapter-2: Biological Classification

No Deletion

Chapter-3: Plant Kingdom

Angiospermae, Angiosperms - classification up to class, characteristic features and examples. Plant life cycles and alternation of generations

Chapter-4: Animal Kingdom

Basis of Classification

Chapter-5: Morphology of Flowering Plants

Morphology and modifications: Morphology of different parts of flowering plants: root, stem, leaf, fruit and seed. Description of families: Fabaceae

Chapter-6: Anatomy of Flowering Plants

Entire Chapter

Chapter-7: Structural Organisation in Animals

Morphology, Anatomy and functions of different systems (digestive, circulatory, respiratory, nervous and reproductive) of an insect-cockroach (a brief account only).

Chapter-8: Cell-The Unit of Life

No Deletion

Chapter-9: Biomolecules

Concept of metabolism; Enzymes - factors, classification, Co-factors.

STARX ACADEMY
We Believe in Education

Term- 2

Chapter-10: Cell Cycle and Cell Division

No Deletion

Chapter-11: Transport in Plants

Entire Chapter

Chapter-12: Mineral Nutrition

Entire Chapter

Chapter-13: Photosynthesis in Higher Plants

Early experiments

Chapter-14: Cellular Respiration

Do plants breathe;

Chapter-15: Plant - Growth and Development

Seed germination; characteristics, measurements and phases of plant growth, growth rate; conditions for growth; differentiation, dedifferentiation and redifferentiation; sequence of developmental processes in a plant cell; seed dormancy; vernalisation; photoperiodism.

Chapter-16: Digestion and Absorption

Entire Chapter

Chapter-17: Breathing and Exchange of Gases

No Deletion

Chapter-18: Body Fluids and Circulation

Circulatory pathways

Chapter-19: Excretory Products and their Elimination

Micturition

Chapter-20: Locomotion and Movement

Types of movement – amoeboid, ciliary, flagellar, muscular; types of muscles; skeletal system and its functions; joints; disorders of muscular and skeletal systems - myasthenia gravis, tetany, muscular dystrophy, arthritis, osteoporosis, gout.

Chapter-21: Neural Control and Coordination

reflex action; sensory perception; sense organs; elementary structure and functions of eye and ear.

Chapter-22: Chemical Coordination and Integration

Hormones of heart, kidney and gastrointestinal tract;