



ST. LAWRENCE HIGH SCHOOL

27, BALLYGUNGE CIRCULAR ROAD, KOLKATA - 700019

Session Plan/ Syllabus Coverage for the Academic Year 2026-2027



Subject: BIOLOGY

Term: First

Name of the Subject Co-ordinator: Ms. Shreya Basu

Name of the Book: Nootan ISC BIOLOGY – V. Singh, D.K. Jain, Ajay Kumar Bhattacharya (Nageen Prakashan Pvt. Ltd., 2025-26 Edition) [I 11= Abbreviation]

No. of Working Days: 56

No. of Periods Available: 63

Class: 11 Section: A

MONTH	NO. OF PERIODS	LESSONS	TOPICS COVERED	CLASS WORK	TEACHING AIDS
APRIL	13	Ch 8: Cell - the Unit of Life (Pg 245-288) [I 11]	Cell Theory and Cell Organelles	Explanation, Discussion and Notes to be given on relevant topics (Pg 245-288) [I 11]	Diagram of Cell organelles for explanation
MAY	12	Ch 10: Cell Cycle and Cell Division (Pg 331-352) [I 11]	Phases of Cell Cycle, Detailed study of Stages of Mitosis and Meiosis	Explanation of Phases of Cell Cycle; Diagrams and Notes on comparison of Mitosis and Meiosis, Cytokinesis in Plants and Animals (Pg 331-352) [I 11]	Demonstration of stages of cell division by observing permanent slides from archive under microscope
		Ch 9: Biomolecules (Pg 289-330) [I 11]	Structure and Types of Biomolecules	Explanation, Discussion and Notes to be given on relevant topics (Pg 289-330) [I 11]	Charts on Types of Biomolecules and Enzymes for explanation
JUNE	14	Ch 1: The Living World (Pg 3-26) [I 11]	Diversity in Living World, Taxonomy and Taxonomical Aids	Discussion on Binomial Nomenclature, Linnean Hierarchy (Pg 3-26) [I 11]	Specimens from archive for explaining Taxonomical aids
JULY	24	Ch 2: Biological Classification (Pg 27-78) [I 11]	Five Kingdom Classification of Whittaker, 1969	Explanation and Notes on Five Kingdom Classification of Whittaker (Pg 27-78) [I 11]	Specimens from archive for explanation
		Ch 3: Plant Kingdom (Pg 79-102) [I 11]	Algae, Bryophyte, Pteridophyte and Gymnosperm – Basis of Classification, Levels of Organisation	Discussion and Notes on comparison of different Plant Groups (Pg 79-102) [I 11]	Specimens from archive and samples for explanation
		Ch 4: Animal Kingdom (Pg 103-139) [I 11]	Animal Classification (Invertebrates and Vertebrates)	Discussion and Notes on comparison of different Animal Groups; explanation, discussion and notes on relevant topics (Pg 103-139) [I 11]	Specimens of Invertebrate and Vertebrate from archive for explanation

Teachers are requested to prepare a LESSON PLANS for each Topic month wise.

Kindly mention the chapters included for Terminal Examinations.

Signature of the Teacher: 1. *Shreya Basu*
20/4/26

Submitted on: 20.04.2026

Academic Co-ordinator: *Saunak Chatterji*

[Signature]

PRINCIPAL

VICE PRINCIPAL

[Signature]



ST. LAWRENCE HIGH SCHOOL

27, BALLYGUNGE CIRCULAR ROAD, KOLKATA - 700019

Session Plan/ Syllabus Coverage for the Academic Year 2026-2027



Subject: BIOLOGY

Term: First and Second

Name of the Subject Co-ordinator: Ms. Shreya Basu

Name of the Book: Nootan ISC BIOLOGY – V. Singh, D.K. Jain, Ajay Kumar Bhattacharya (Nageen Prakashan Pvt. Ltd., 2025-26 Edition) [I 11= Abbreviation]

No. of Working Days: 56, 36 + 8

No. of Periods Available: 27+7

Class: 11 Section: A

MONTH	NO. OF PERIODS	LESSONS	TOPICS COVERED	CLASS WORK	TEACHING AIDS
AUGUST	24	Ch 5: Morphology of Flowering Plants (Pg 143-184) [I 11]	Root, Stem, Leaves, Flowers, Fruits and Floral formula	Explanation and discussion of plant parts with characteristics and examples (Pg 143-184) [I 11]	Demonstration with plant parts for explanation
		Ch 6: Anatomy of Flowering Plants (Pg 185-217) [I 11]	Plant Tissue, Structural Organization of Plant Tissue in different plant parts	Explanation and Notes on Types of Plant Tissue and important diagrams (Pg 185-217) [I 11]	Activity of plant part dissection for explanation
		Ch 7: Structural Organisation in Animals: Frog (Pg 219-242) [I 11]	Morphology and Anatomy of Frog	Diagrams and Notes on Morphology and Anatomy of Cockroach (Pg 219-242) [I 11]	Diagram of Frog for explanation
SEPTEMBER <u>First Term Exam starts from 07.09.26</u>	03 <u>First Term Exam ends on 18.09.26</u>	REVISION (Pg 3-139, 143-217, 219-242 and 245-352) [I 11]	Revision of Chapters 1-10 <u>SYLLABUS OF FIRST TERM - CHAPTERS 1- 10</u>	Question-Answer Discussion and Doubt clearing (Pg 3-139, 143-217, 219-242 and 245-352) [I 11]	Worksheets
<u>Second Term begins on 21.09.26</u>	07	Chapter 19: Chemical Co-ordination and Integration (Pg 631-668) [I 11]	Human Endocrine System, Mechanism of Hormone action and Endocrine Disorders	Explanation, Discussion, Diagram and Notes on relevant topics (Pg 631-668) [I 11]	Activity to identify Endocrine glands in human body
		Chapter 11: Photosynthesis in higher plants (Pg 355-392) [I 11]	Phases of Photosynthesis	Explanation, Discussion and Notes on the relevant topics (Pg 355-392) [I 11]	Model of leaf from archive for explaining photosynthesis

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Signature of the Teacher: 1. *Shreya Basu* 20/04/26

Submitted on: 20.04.2026

Academic Co-ordinator: *Soumoh Chatterjee*

[Signature]

PRINCIPAL

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ST. LAWRENCE HIGH SCHOOL

27, BALLYGUNGE CIRCULAR ROAD, KOLKATA - 700019

Session Plan/ Syllabus Coverage for the Academic Year 2026-2027



Subject: BIOLOGY

Term: Second

Name of the Subject Co-ordinator: Ms. Shreya Basu

Name of the Book: Nootan ISC BIOLOGY – V. Singh, D.K. Jain, Ajay Kumar Bhattacharya (Nageen Prakashan Pvt. Ltd., 2025-26 Edition) [I 11= Abbreviation]

No. of Working Days: 8, 51

No. of Periods Available: 49

Class: 11 Section: A

OCTOBER	15	Chapter 11: Photosynthesis in higher plants (cont.) (Pg 355-392) [I 11]	Photophosphorylation, Photorespiration, C ₃ and C ₄ pathways	Explanation, Discussion and Notes on the relevant topics (Pg 355-392) [I 11]	Hand-drawn C ₃ and C ₄ pathways for explanation
<i>Guidelines and details of project will be given to the students. Project will be completed as Holiday Homework.</i>		Chapter 12: Respiration in Plants (Pg 393-416) [I 11]	Cellular Respiration (Aerobic and Anaerobic) and Respiratory Quotient	Explanation and Discussion and on Phases of Aerobic Respiration (Pg 393-416)[I 11]	Hand-drawn Cellular respiration for explanation
NOVEMBER	17	Chapter 15: Body Fluids and Circulation (Pg 487-524)	Blood groups, Human Circulatory System, Cardiac Cycle and Disorders of the Circulatory System	Explanation, Discussion, Diagram and Notes on relevant topics (Pg 487-524) [I 11]	Diagram of Heart
<i>Project Submission Date 20.11.26</i>		Chapter 14: Breathing and exchange of gases (Pg 459-485)[I 11]	Human Respiratory System, Breathing mechanism, Exchange of Gases and Disorders of Respiratory System	Explanation, Discussion and Diagram on relevant topics and Notes on Exchange and Transport of gases (Pg 459-485) [I 11]	Diagram of Respiratory System for explanation, Activity to explain breathing processes
DECEMBER	17	Chapter 16: Excretory Products and their elimination (Pg 525-550) [I 11]	Human Excretory System, Urine formation and Excretory Disorders	Explanation, Discussion, Diagram and Notes on relevant topics (Pg 525-550) [I 11]	Diagram of Excretory System for explanation
		Chapter 17: Locomotion and Movement (Pg 551-582) [I 11]	Skeletal Muscle and System; Joints and Skeletal Disorders	Explanation, Discussion, Diagram and Notes on relevant topics (Pg 551-582) [I 11]	Human skeleton from archive used for explanation, Activity to identify joints in Human body

Teachers are requested to prepare a LESSON PLANS for each Topic month wise.

Kindly mention the chapters included for Terminal Examinations.

Signature of the Teacher: 1. *Shreya Basu*
20/4/26

Submitted on: 20.04.2026

Academic Co-ordinator: *Soumak Chatterji*

[Signature]
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27, BALLYGUNGE CIRCULAR ROAD, KOLKATA - 700019

Session Plan/ Syllabus Coverage for the Academic Year 2026-2027



Subject: BIOLOGY

Term: Second

Name of the Subject Co-ordinator: Ms. Shreya Basu

Name of the Book: Nootan ISC BIOLOGY – V. Singh, D.K. Jain, Ajay Kumar Bhattacharya (Nageen Prakashan Pvt. Ltd., 2025-26 Edition) [I 11= Abbreviation]

No. of Working Days: 8, 51, 41

No. of Periods Available: 31

Class: 11 Section: A

MONTH	NO. OF PERIODS	LESSONS	TOPICS COVERED	CLASS WORK	TEACHING AIDS
JANUARY	22	Chapter 18: Neural Control and Coordination (Pg 583-604 and 615-630) [I 11]	Human Nervous System, Generation and conduction of Nerve impulse and Sensory perception	Explanation, Discussion, Diagram on relevant topics (Pg 583-604 and 615-630) [I 11]	Diagram of Eye and Ear from archive for explanation
		Chapter 13: Plant Growth and Development (Pg 417-456) [I 11]	Phases and Conditions of Plant Growth, Growth Regulators, Photoperiodism and Vernalization	Explanation, Discussion and Notes on relevant topics (Pg 417-456) [I 11]	Simple activities to explain function of Growth regulators
FEBRUARY <i>Second Term</i> <i>Exam starts from 15.02.27</i>	09 <i>Second Term</i> <i>Exam ends on 26.02.27</i>	REVISION of CHAPTERS 1-19 (Pg 3-139, 143-217, 219-242, 245-352, 355-456, 459-485, 487-604, 615-668) [I 11]	REVISION of CHAPTERS 1-19 <u>SYLLABUS OF SECOND TERM – CHAPTERS 1-19</u>	Question-Answer Discussion and Doubt clearing (Pg 3-139, 143-217, 219-242, 245-352, 355-456, 459-485, 487-604, 615-668) [I 11]	Worksheets

Teachers are requested to prepare a LESSON PLANS for each Topic month wise.

Kindly mention the chapters included for Terminal Examinations.

Signature of the Teacher: 1. *Shreya Basu* 20/4/26

[Handwritten Signature]
PRINCIPAL

Submitted on: 20.04.2026

Academic Co-ordinator: *Soumak Chatterji*

VICE PRINCIPAL

[Handwritten Signature]