

THE AIR FORCE SCHOOL : SUBROTO PARK : DELHI CANTT-110010

Class – IX

Sub: BIOLOGY

Weekly Syllabus (Tentative)

Academic Session 2024-25

Month	Week	Dates		Days	No of Periods	Chapter	Contents	Syllabus
Apr-24	I	01-06	06-Working Saturday (Staff)	05		Chapter-5 :The Fundamental Unit of Life	5.1 What are living organisms made up of? 5.2.1 Plasma Membrane or cell membrane	
	II	08-12	11 – Id-ul-Fitr	04			Pr. Preparation of stained mount of onion peel and to record observations (Batch-1)	
	III	15-19	14 - Ambedakar Jayanti 17 – Ram Navami 21 - Mahavir Jayanti	04			5.2.2 Cell Wall 5.2.3 Nucleus Pr. Preparation of stained mount of onion peel and to record observations (Batch -2)	
	IV	22-27	27-Working Saturday (Student)	06			.2.4 Cytoplasm 5.2.5 Cell organelles 5.2.5(I) Endoplasmic Reticulum Pr. Preparation of stained mounts of cheek cell and to record observations and draw its labeled diagrams (Batch-1)	
	V	29-30		02			5.2.5(ii) Golgi apparatus	
May-24	I	01-03	01-03 : ES-1 (XII)/ CT-1 (X)	03			(iii) Lysosomes	ES-1 (XII)/ CT-1 (X) Date: 01-07 May
	II	06-10	06-07 : ES-1 (XII)/ CT-1 (X) 09,10 – The Quest	05			iv) Mitochondria	

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	III	13-18	18- Working Saturday (Open House X & XII)	06			(v) plastids (vi) Vacoules NCERT questions discussion Pr. Preparation of stained mounts of cheek cell and to record observations and draw its labeled diagrams (Batch-2)	
***** SUMMER BREAK 20 MAY -30 JUN 2024 *****								
Jul-24	I	01-06	01- School reopens for staff 06-Working Saturday (Student)	05		Chapter-6 Tissues	Cell Division Pr. Discussion of MCQ	PT-I Class VI-X Date: 05 Jul – 12Jul Chapter- 5 The Fundamental Unit of Life till 5.2.5 Cell organelles ES-2 (XII): 05 Jul – 12Jul
	II	08-12		05			6.1 Are plants and animals made of same type of tissues? 6.2 Plant Tissues 6.2.1 Meristematic tissue Pr. Identification of Parenchyma, collenchyma and Sclerenchyma tissues in plants from prepared slides and drawing their labeled diagrams (Batch-1)	
	III	15-19	17-Muharram	04			6.2.2(i) Simple permanent tissue Pr. Identification of Parenchyma, collenchyma and Sclerenchyma tissues in plants from prepared slides and drawing their labeled diagrams (Batch-2)	
	IV	22-27	27 – Working Saturday (Students)	06			6.2.2 (ii) Complex permanent tissue	
	V	29-31		03			6.3 Animal tissues	
Aug-24	I	01-03	03 – Working Saturday (Open House (VI-	03			6.3.1 Epithelial tissue	

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			X), XII)					
	II	05-09		05			6.3.1 Epithelial tissue	
	III	12-16	15 – Independence Day	04			6.3.2 Connective tissue	
	IV	19-23	19-Raksha Bandhan	04			6.3.2 Connective tissue	ES-1 (XI):
	V	26-31	26-Janmashtami 31-Working Saturday (Students) 31-Annual Prize Distribution	05			6.3.2 Connective tissue	
Sep-24	I	02-06		05			REVISION	
	II	09-14	14 – Working Saturday (Students)	06		Mid Term/ HYE Exam	Mid Term (PT-II)/ HYE Date 09-24 Sep Chapter- 5 The Fundamental Unit of Life Chapter- 6 Tissues Till 6.2.2 (ii) Complex permanent tissue (included)	
	III	16-21	16-Milad-un-Nabi 21 – Working Saturday (Students)	05				
	IV	23-27		05				
	V	30		01				
Oct-24	II	01-05	02-Mahatma Gandhi's Birthday 05-Annual Prize Distribution	04			6.3.2 Connective tissue	

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	III	07-12	09-13– Autumn Break 12- Dussehra	02			6.3.3 Muscular tissue	
	IV	14-19	17-Maharishi Valmiki's Birthday 19 – Working Saturday (Open House VI- XII)	05			6.3.3 Muscular tissue	
	V	21-25	20– Karwa Chouth	05			6.3.4 Nervous tissue	
	VI	28-31	30-03 Nov – Diwali Break	02			6.3.4 Nervous tissue NCERT questions discussion	
*** Autumn Break 09-13 Oct 2024 ***								
Nov-24	I	04-09	09 – Working Saturday (Students)	06			12.1 IMPROVEMENT IN CROP YIELDS 15.1.1 Crop variety improvement	
	II	11-15	12 – Annual Day 15 – Guru Nank's Birthday	04			12.1.2 Crop production management (i) Nutrient management, manure, fertilizers	
	III	18-22		05			12.1.2 (ii) Irrigation	PT-II (VI-VIII): 19 Nov-10 Dec PT-III (IX): 19 Nov-10 Dec
	IV	25-30	29,30 – Annual Athletic Meet	06			(ii) Cropping patterns Discussion of NCERT questions	Chapter- 5 The Fundamental Unit of Life Chapter- 6 Tissues
Dec-24	I	02-07	07 – Sports Day	06			12.2 ANIMAL HUSBANDRY	PT-III (X): 14 Nov-25 Nov
	II	09-13		05			12.2.1 CATTLE FARMING	MPB (XII): 14 Nov-25 Nov

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	III	16-21	21-Working Saturday, Open House (X & XII)	06			12.2.1 CATTLE FARMING	
	IV	23	24,25 – Christmas Holidays	01				
*** Winter Break from 26 Dec to 04 Jan 2025 ***								
Jan-25	I	06-10		05			12.2.2 POULTRY FARMING Egg and Broiler Production	
	II	13-18	18-Working Saturday, Open House (VI-IX, XI)	06			12.2.3 FISH PRODUCTION (I) Marine fisheries (II) Inland Fisheries	
	III	20-25	25-Citation Ceremony 25-Open House XII 26-Republic Day	06			12.2.4 Bee Keeping	
	IV	27-31		05			Discussion of NCERT questions	
Feb-25	I	01	01 – Farewell XII 01- Open House X	01			Revision	Annual Exam Class IX & XI – 05 Feb-19 Feb 2025 Chapter- 5 The fundamental Unit of Life Chapter- 6 Tissues Chapter- 12
	II	03-07		05				
	III	10-14		05				
	IV	17-22	22-Working Saturday (students)	06				

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								Improvement in Food Resources
	V	24-28	26-Maha Shivratri	04				
Mar-25	Annual Exam Classes VI-VIII – 25 Feb-10 Mar 2025							

Note: The examination syllabus as mentioned above is to be considered Tentative. The final syllabus for each exam will be uploaded on the website along with the Date Sheet at the time of the examination.