

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

Class – IX

Sub: BIOLOGY

Weekly Syllabus

Academic Session 2023-24

| Month | Week | Dates | | Days | No of Periods | Chapter | Contents | Syllabus |
|--------|------|-------|--|------|---------------|---|---|---|
| Apr-23 | I | 01 | 01-Working Saturday (Student) | 01 | | Chapter-5 :The Fundamental Unit of Life | Introduction | |
| | II | 03-07 | 04 - Mahavir Jayanti 07 – Good Friday | 03 | | | 5.1 What are living organisms made up of? | |
| | III | 10-14 | 14 - Ambedakar Jayanti | 04 | | | 5.2.1 Plasma Membrane or cell membrane Pr. Preparation of stained mount of onion peel and to record observations (Batch-1) | |
| | IV | 17-21 | | 05 | | | 5.2.2 Cell Wall 5.2.3 Nucleus Pr. Preparation of stained mount of onion peel and to record observations (Batch -2) | |
| | V | 24-29 | 29-Working Saturday (Student) 29 – Parent Orientation VI & IX | 06 | | | 5.2.4 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) | |
| May-23 | I | 01-05 | 05 – Budha Purnima 01-04 : ES-1 (XII)/ CT-1 (X) | 04 | | | 5.2.5(ii) Golgi apparatus (iii) Lysosomes | ES-1 (XII)/ CT-1 (X) Date: 01-08 May |

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| | II | 08-12 | 08 : ES-1 (XII)/ CT-1 (X) 11,12 – The Quest | 05 | | | iv) Mitochondria (v) plastids (vi) Vacoules Pr. Preparation of stained mounts of cheek cell and to record observations and draw its labeled diagrams (Batch-2) | |
| | III | 15-20 | 20- Working Saturday (Open House X & XII) | 06 | | | | |
| ***** SUMMER BREAK 22 MAY -30 JUN 2023 ***** | | | | | | | | |
| Jul-23 | I | 01- | 01- School reopens for staff | 01 | | | | PT-I Class VI-X Date: 07 Jul – 19Jul Chapter- 5 The Fundamental Unit of Life till 5.2.5 Cell organelles ES-2 (XII): 07 Jul – 19Jul |
| | II | 03-07 | | 05 | | Chapter-6 Tissues | Cell Division Pr. Discussion of MCQ | |
| | III | 10-14 | | 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) | |
| | IV | 17-22 | 22 – Working Saturday (Students) | 06 | | | 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) | |
| | V | 24-28 | 29-Muharram | 05 | | | 6.2.2 (ii) Complex permanent tissue | |

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| Aug-23 | VI | 31 | | 01 | | | 6.2.2 (ii) Complex permanent tissue | |
| | I | 01-05 | 05 – Working Saturday (Open House (VI-X), XII) | 05 | | | 6.3 Animal tissues | |
| | II | 07-11 | | 05 | | | 6.3.1 Epithelial tissue | |
| | III | 14-18 | 15 – Independence Day | 04 | | | 6.3.1 Epithelial tissue | |
| | IV | 21-26 | 24,25-Class Test 26-Working Saturday (Students) 26-Annual Prize Distribution | 06 | | | 6.3.2 Connective tissue | ES-1 (XI): 21 Aug – 25 Aug |
| | V | 28-32 | 30-Raksha Bandhan 28,29 -Class Test | 03 | | | 6.3.2 Connective tissue | |
| Sep-23 | I | 01 | 01 -Class Test | 01 | | | Revision | |
| | II | 04-08 | 07-Janmashtami | 04 | | Mid Term/ HYE Exam | | Mid Term (PT-II)/ HYE Date 11-23 Sep Chapter- 5 The Fundamental Unit of Life Chapter- 6 Tissues Till 6.3.1 Epithelial |
| | III | 11-16 | 16 – Working Saturday (Students) | 06 | | | | |
| | IV | 18-23 | 23 – Working Saturday (Students) | 06 | | | | |
| | V | 25-30 | 28-Milad-un-Nabi | 04 | | Chapter-6 Tissues | 6.3.2 Connective tissue | |

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| | | | | | | | | Tissue |
| Oct-23 | II | 02-07 | 02-Mahatma Gandhi's Birthday 07-Annual Prize Distribution | 05 | | | 6.3.3 Muscular tissue | |
| | III | 09-14 | 14- Working Saturday(Open House VI-XII) | 06 | | | 6.3.3 Muscular tissue | |
| | IV | 16-20 | | 05 | | | 6.3.4 Nervous tissue | |
| | V | 23-27 | 23- Autumn Break 24- Dussehra 28-Maharishi Valmiki's Birthday | 03 | | | 6.3.4 Nervous tissue | |
| | VI | 30-31 | | 02 | | | NCERT questions discussion | |
| *** Autumn Break 23 Oct 2023 *** | | | | | | | | |
| Nov-23 | I | 01-04 | 01- Karwa Chouth 04 – Working Saturday (Students) | 03 | | Chapter- 12 Improvement in food resources | 12.1 IMPROVEMENT IN CROP YIELDS 15.1.1 Crop variety improvement | |
| | II | 06-10 | 07 – Annual Day | 05 | | | 12.1.2 Crop production management (i) Nutrient management, manure, fertilizers | |
| | III | 13-18 | 11-15 – Diwali Break | 03 | | | 12.1.2 (ii) Irrigation | PT-III (VI-VIII): 17 Nov-14 Dec PT-III (IX & X): 20 Nov-30 Nov |

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| | IV | 20-24 | | 05 | | | (ii) Cropping patterns | Chapter- 5 The Fundamental Unit of Life Chapter- 6 Tissues ES-2 (XI): 21 Nov-14 Dec MPB (XII): 20 Nov-30 Nov |
| | V | 27-30 | 27 – Guru Nank's Birthday | 03 | | | Discussion of NCERT questions | |
| Dec-23 | I | 01-02 | 01,02 – Annual Athletic Meet | 02 | | | 12.2 ANIMAL HUSBANDRY | |
| | II | 04-09 | 09 – Sports Day | 06 | | | 12.2 ANIMAL HUSBANDRY | |
| | III | 11-16 | 16-Working Saturday, Open House (IX,X & XII) | 06 | | | 12.2.1 CATTLE FARMING | |
| | IV | 18-22 | 20-22 – TAFS MUN 24,25 – Christmas Holidays | 05 | | | 12.2.1 CATTLE FARMING | |
| *** Winter Break from 26 Dec to 05 Jan 2024 *** | | | | | | | | |
| Jan-24 | I | 08-12 | | 05 | | | 12.2.2 POULTRY FARMING Egg and Broiler Production | Pre-Board (X & XII): 09 Jan-23 Jan |
| | II | 15-20 | 20-Working Saturday, Open House (VI-VIII, XI) | 06 | | | 12.2.3 FISH PRODUCTION (I) Marine fisheries (II) Inland Fisheries | |
| | III | 22-27 | 26-Republic Day 27- Farewell XII | 05 | | | 12.2.4 Bee Keeping | |
| | IV | 29-31 | | 03 | | | Discussion of NCERT questions | |
| Feb-24 | I | 01-03 | 01,02- Class Test 03-Working Saturday, | 03 | | | Revision | |

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| | | | Citation Ceremony, Open House (X& XII) | | | | | |
| | II | 05-09 | 05-08- Class Test | 05 | | | Revision | Annual Exam Class IX & XI – 07 Feb-21 Feb 2023 Chapter- 5 The fundamental Unit of Life Chapter- 6 Tissues Chapter- 12 Improvement in Food Resources |
| | III | 12-16 | | 05 | | | | |
| | IV | 19-23 | | 05 | | | | |
| | V | 26-29 | | 04 | | | | |
| Mar-24 | Annual Exam Classes VI-VIII – 26 Feb-11 Mar 2024 | | | | | | | |

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.