

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

Class – X

Sub: Biology

Weekly Syllabus (Tentative)

Academic Session 2024-25

Month	Week	Dates		Days	No of Periods	Chapter	Contents	Syllabus
Mar 24	Block Teaching							
Apr-24	I	01-06	06-Working Saturday (Staff)	05	2	Chapter- 5 Life Processes	5.1- What are life processes 5.2 - Nutrition 5.2.1-Autotrophic Nutrition 5.2.2 – Heterotrophic Nutrition	
	II	08-12	11 – Id-ul-Fitr	04	2		5.2.3- How do organisms obtain their Nutrition 5.2.4- Nutrition in Human Beings Pr. To prepare a temporary mount of leaf peel to study stomata(Batch-1)	
	III	15-19	14 - Ambedakar Jayanti 17 – Ram Navami 21 - Mahavir Jayanti	04	1		5.3- Respiration Pr. To prepare a temporary mount of leaf peel to study stomata(Batch-2)	
	IV	22-27	27-Working Saturday (Student)	06	2		5.3 Respiration Pr. To show experimentally that carbon di oxide is produced during respiration.(Batch-1)	
	V	29-30		02	1		5.4 Tranportation 5.4.1 Tranportation in Human Beings Pr. To show experimentally that carbon di oxide is produced during respiration.(Batch-2)	
May-24	I	01-03	01-03 : ES-1 (XII)/ CT-1 (X)	03	2		5.4.2 Transportation in Plants Pr. Discussion of MCQ's	ES-1 (XII)/ CT-1 (X) Date: 01-07 May Chapter- 5: Life Processes

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								5.1- What are life processes? 5.2 Nutrition 5.2.1 Autotrophic nutrition
	II	06-10	06-07 : ES-1 (XII)/ CT-1 (X) 09,10 – The Quest	05	2		5.5 Excretion 5.5.1 Excretion in Human Beings 5.5.2 Excretion in Plants Pr. Discussion of MCQ's	
	III	13-18	18- Working Saturday (Open House X & XII)	06	2	Chapter- 6 Control and Coordination	6.1 Animals- Nervous System	
***** SUMMER BREAK 20 MAY -30 JUN 2024 *****								
Jul-24	I	01-06	01- School reopens for staff 06-Working Saturday (Student)	05	2	Chapter- 6 Control and Coordination	6.1.1 What happens in a reflex Action	PT-I Class VI-X Date: 05 Jul – 12Jul Chapter- 5 Life Processes ES-2 (XII): 05 Jul – 12Jul
	II	08-12		05	2		6.1.2 Human Brain Pr. To study binary fission in amoeba and budding in yeast(Batch-1)	
	III	15-19	17-Muharram	04	1		6.1.3 How are these tissues protected ? 6.1.4 How does Nervous tissue cause Action Pr. To study binary fission in amoeba and budding in yeast(Batch-2)	
	IV	22-27	27 – Working Saturday (Students)	06	2		6.2- Coordination in Plants 6.2.1- Immediate Reponse to stimulus 6.2.2- Movement due to Growth	
	V	29-31		03	1		6.3 – Hormones in animals	

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Aug-24	I	01-03	03 – Working Saturday (Open House (VI-X), XII)	03	1	Chapter-7 How do organisms Reproduce	7.1- Do Organisms Create exact copies of themselves 7.1.1- The importance of Variation 7.2- Modes of Reproduction Used by single Organisms Pr. Discussion of MCQ's	
	II	05-09		05	2		7.2.1- Fission 7.2.2- Fragmentation 7.2.3- Regeneration 7.2.4 – Budding Pr. Discussion of MCQ's	
	III	12-16	15 – Independence Day	04			7.2.5- Vegetative Propagation 7.2.6- Spore Formation 7.3 Sexual Reproduction 7.3.1- Why the sexual Mode of Reproduction	
	IV	19-23	19-Raksha Bandhan	04	2		7.3.2- Sexual Reproduction in flowering Plants 7.3.3- Reproduction In Human Beings	ES-1 (XI):
	V	26-31	26-Janmashtami 31-Working Saturday (Students) 31-Annual Prize Distribution	05	2		7.3.3(a)- Male Reproductive system (b) Female Reproductive System (c) What Happens when the egg is not fertilized (d) Reproductive Health Pr. Discussion of MCQ's	
Sep-24	I	02-06		05	2		Revision for Mid term	
	II	09-14	14 – Working Saturday (Students)	06				Mid Term (PT-II)/

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	III	16-21	16-Milad-un-Nabi 21 – Working Saturday (Students)	05			Mid Term/ HYE Exam	HYE Date 09-24 Sep Chapter- 5 Life Processes Chapter- 6 Control and Coordination Chapter- 7 How do organisms Reproduce? Till 7.2 (modes of asexual reproduction (7.2.1 Fission - 7.2.6 Spore Formation) included
	IV	23-27		05				
	V	30		01		Chapter- 8 Heredity	Introduction	
Oct-24	II	01-05	02-Mahatma Gandhi's Birthday 05-Annual Prize Distribution	04			8.1 Accumulation of Variation during Reproduction	
	III	07-12	09-13– Autumn Break 12- Dussehra	02	1		8.2 Heredity 8.2.1 Inherited Traits	
	IV	14-19	17-Maharishi Valmiki's Birthday 19 – Working Saturday (Open House VI-XII)	05	2		8.2.2- Rules for the inheritance of Traits- Mendel's Contribution Pr. To identify the parts of an embryo of a dicot seed(Batch-1)	
	V	21-25	20– Karwa Chouth	05	2		8.2.3- How dot these traits get expressed? 8.2.4- Sex Determination Pr. To identify the parts of an embryo of a dicot seed(Batch-2)	
	VI	28-31	30-03 Nov – Diwali Break	02	1	Chapter- 13 Our Environment	13.1 Eco system- What are its components?	

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							13.1.1- Food chains and Webs	
*** Autumn Break 09-13 Oct 2024 ***								
Nov-24	I	04-09	09 – Working Saturday (Students)	06			13.2- How do our activities affect the environment? 13.2.1 – Ozone layer and how it is getting depleted? 13.2.2- Managing the Garbage we produce Pr. Discussion of MCQ's	
	II	11-15	12 – Annual Day 15 – Guru Nank's Birthday	04			Revision	
	III	18-22		05			Revision	PT-II (VI-VIII): 19 Nov-10 Dec PT-III (IX): 19 Nov-10 Dec PT-III (X): 14 Nov-25
	IV	25-30	29,30 – Annual Athletic Meet	06			Revision	Nov Chapter- 5 Life Processes
Dec-24	I	02-07	07 – Sports Day	06				Chapter- 6 Control and Coordination
	II	09-13		05				Chapter- 7 How do organisms Reproduce? Chapter- 8 Heredity Chapter- 13 Our Environment MPB (XII): 14 Nov-25 Nov

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	III	16-21	21-Working Saturday, Open House (X & XII)	06				
	IV	23	24,25 – Christmas Holidays	01				
*** Winter Break from 26 Dec to 04 Jan 2025 ***								
Jan-25	I	06-10		05				
	II	13-18	18-Working Saturday, Open House (VI-IX, XI)	06				
	III	20-25	25-Citation Ceremony 25-Open House XII 26-Republic Day	06				
	IV	27-31		05				
Feb-25	I	01	01 – Farewell XII 01- Open House X	01				Annual Exam Class IX & XI – 05 Feb-19 Feb 2025
	II	03-07		05				
	III	10-14		05				
	IV	17-22	22-Working Saturday (students)	06				

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	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.