

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

Class – X

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) BLOCK TEACHING Done in March 23	01	5	Life Processes Chapter 5	• What are Life Processes – 5.1 • Nutrition-5.2 • Autotrophic Nutrition-5.2.1 • Heterotrophic Nutrition-5.2.2	
	II	03-07	04 - Mahavir Jayanti 07 – Good Friday	03	1		How do Organisms obtain their Nutrition? -5.2.3 • Nutrition in Human Beings 5.2.4	
	III	10-14	14 - Ambedakar Jayanti	04	2		• Respiration- 5.3	
	IV	17-21		05	2		• Respiration-5.3 • Transportation in plants – 5.4.2	
	V	24-29	29-Working Saturday (Student) 29 – Parent Orientation VI & IX	06	2		• Transportation in Human Beings - 5.4.1 (introduction) – blood • Structure of heart	
May-23	I	01-05	05 – Budha Purnima 01-04 : ES-1 (XII)/ CT-1 (X)	04	2		• Excretion-5. • Excretion in Human Beings 5.5.1	ES-1 (XII)/ CT-1 (X) Date: 01-08 May Chap 5 – Life Processes 5.1 – 5.2.4
	II	08-12	08 : ES-1 (XII)/ CT-1 (X) 11,12 – The Quest	05	2		• Urine formation in human beings	

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	III	15-20	20- Working Saturday (Open House X & XII)	06	2	Chapter-6: Control and coordination	<ul style="list-style-type: none"> Excretion in Plants- 5.5.2 Animals- Nervous System-6.1 Pr: To show experimentally that the CO₂ is produced during respiration (batch 1) 	
***** SUMMER BREAK 22 MAY -30 JUN 2023 *****								
Jul-23	I	01-	01- School reopens for staff	01	1		<ul style="list-style-type: none"> What happens in a Reflex Action- 6.1.1 Pr: To show experimentally that the co₂ is produced during respiration (batch 2) 	PT-I Class VI-X Date: 07 Jul – 19Jul Chap 5 – Life Processes ES-2 (XII): 07 Jul – 19Jul
	II	03-07		05	2		<ul style="list-style-type: none"> Human Brain-6.1.2 How are these Tissues Protected- 6.1.3 	
	III	10-14		05	2		<ul style="list-style-type: none"> How does Nervous Tissue Cause Action-6.1.4 Coordination in Plants-6.2 Movement Due to Growth6.2.2 Hormones in Animals-6.3 Practical: Prepare a temporary mount of leaf peel to show stomata (Batch 1) 	
	IV	17-22	22 – Working Saturday (Students)	06	2	Chapter-7 How Do Organisms Reproduce?	<ul style="list-style-type: none"> Feedback Mechanism – 6.3 Do organisms create exact copies of themselves (7.1) importance of variation (7.1.1) Practical: Prepare a temporary mount of leaf peel to show stomata (Batch 2) 	
	V	24-28	29-Muharram	05	2		<ul style="list-style-type: none"> Modes of Reproduction used by single celled organisms (7.2-) Fission (7.2.1) Fragmentation (7.2.2) Regeneration (7.2.3) Budding (7.2.4) Vegetative 	

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							Propagation (7.2.5) Pr: To study binary fission in amoeba and budding in yeast (batch 1)	
	VI	31		01	1		<ul style="list-style-type: none"> • Spore formation (7.2.6) • Sexual Reproduction (7.3-8.3.3) • Why the sexual mode of reproduction (7.3.1) • Sexual Reproduction in Flowering Plants (7.3.2) Pr: To study binary fission in amoeba and budding in yeast (batch 2)	
Aug-23	I	01-05	05 – Working Saturday (Open House (VI-X), XII)	05	2		<ul style="list-style-type: none"> • Reproduction in human beings (7.3.3) • Male Reproductive System (7.3.3) (a) 	
	II	07-11		05	2		<ul style="list-style-type: none"> • Female Reproductive System (7.3.3) (b) • What happens when the Egg is not fertilized? (7.3.3) (c) 	
	III	14-18	15 – Independence Day	04	1		<ul style="list-style-type: none"> • Reproductive Health (7.3.3.) (d) 	
	IV	21-26	24,25-Class Test 26-Working Saturday (Students) 26-Annual Prize Distribution	06	2	Chapter-8 Heredity	<ul style="list-style-type: none"> • Accumulation of Variation during Reproduction (8.1) • Heredity (8.2) • Inherited Traits (8.2.1) 	ES-1 (XI): 21 Aug – 25 Aug
	V	28-32	30-Raksha Bandhan 28,29 -Class Test	03	1		<ul style="list-style-type: none"> • Rules for Inheritance of Traits (8.2.2) 	
Sep-23	I	01	01 -Class Test	01			Revision for Mid Term	

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	II	04-08	07-Janmashtami	04		Mid Term/ HYE Exam		Mid Term (PT-II)/ HYE Date 11-23 Sep Chapter-5 : Life Processes Chapter-6 :Control and Co-ordination Chapter 7 : How do organisms reproduce
	III	11-16	16 – Working Saturday (Students)	06				
	IV	18-23	23 – Working Saturday (Students)	06				
	V	25-30	28-Milad-un-Nabi	04	1		<ul style="list-style-type: none"> How do traits get expressed? (8.3.2) 	
Oct-23	II	02-07	02-Mahatma Gandhi's Birthday 07-Annual Prize Distribution	05	2	Chapter-13 Our Environment	Sex Determination (8.2.4) Pr: To identify the different parts of an embryo of a dicot seed (batch 1) <ul style="list-style-type: none"> What happens when we add our waste to the Environment (13.1) 	
	III	09-14	14- Working Saturday(Open House VI-XII)	06	2		<ul style="list-style-type: none"> Ecosystem (13.2) • Food Chain & Webs (13.2.1) Pr: To identify the different parts of an embryo of a dicot seed (batch 2)	
	IV	16-20		05	2		<ul style="list-style-type: none"> How Do Our Activities Affect the Environment (13.3) 	
	V	23-27	23– Autumn Break 24- Dussehra 28-Maharishi Valmiki's Birthday	03				
	VI	30-31		02	1		<ul style="list-style-type: none"> Ozone Layer of How it is getting depleted (13.3.1) 	

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*** Autumn Break 23 Oct 2023 ***								
Nov-23	I	01-04	01– Karwa Chouth	03	1		<ul style="list-style-type: none"> Managing the Garbage we produce (13.3.2) Lifestyle changes 	
			04 – Working Saturday (Students)					
	II	06-10	07 – Annual Day	05	2		Revision Worksheets	
	III	13-18	11-15 – Diwali Break	03	2		Revision	PT-III (VI-VIII): 17 Nov-14 Dec PT-III (IX & X): 20 Nov-30 Nov Chapter 5- Life Processes Chapter-6: Control and coordination Chapter-7: How Do Organisms Reproduce? Chapter-8 :Heredity Chapter-13: Our Environment ES-2 (XI): 21 Nov-14 Dec MPB (XII): 20 Nov-30 Nov
	IV	20-24		05				
	V	27-30	27 – Guru Nank's Birthday	03				
Dec-23	I	01-02	01,02 – Annual Athletic Meet	02				
	II	04-09	09 – Sports Day	06				
	III	11-16	16-Working Saturday, Open House (IX,X & XII)	06				
	IV	18-22	20-22 – TAFS MUN	05				

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			24,25 – Christmas Holidays					
*** Winter Break from 26 Dec to 05 Jan 2024 ***								
Jan-24	I	08-12		05				Pre-Board (X & XII): 09 Jan-23 Jan Chapter 5- Life Processes Chapter-6: Control and coordination Chapter-7: How Do Organisms Reproduce? Chapter-8 : Heredity Chapter-13: Our Environment
	II	15-20	20-Working Saturday, Open House (VI-VIII, XI)	06				
	III	22-27	26-Republic Day 27- Farewell XII	05				
	IV	29-31		03				
Feb-24	I	01-03	01,02- Class Test	03				Annual Exam Class IX & XI – 07 Feb-21 Feb 2023
			03-Working Saturday, Citation Ceremony, Open House (X& XII)					
	II	05-09	05-08- Class Test	05				
	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.