

SUBJECT: SCIENCE			SYLLABUS FOR THE ACADEMIC YEAR 2022-2023								
OPTION: BIOLOGY											
GRADE: 8											
Month	Date	No.of days	Chapter Name	Sub Topics	Class tests	PA	Term Exams				
April	11-15	5	INTRODUCTION	INTRODUCTION	CT-1	PA-01	First Term Examination				
	18- 22	5	CROP PRODUCTION	Crop Plants							
	25 - 29	5	CROP PRODUCTION	Methods of Crop Production-Preparation of Soil,Seed Selection and Sowing,Manuring, Using Fertilizers and Manures							
May	9-13	5	CROP PRODUCTION	Irrigation, Weeding, Protection from Pests and Diseases	CT-2			PA-01	First Term Examination		
	16-20	5	CROP PRODUCTION	Harvesting, Threshing and Winnowing, Storage, Increasing Crop Produce,Hybridisation							
	23-27	5	CROP PRODUCTION	Nitrogen Cycle, Nitogen Fixation, Food from Animals							
	30-31	2	CROP PRODUCTION	Exercises							
June	1-3	3	MICROORGANISMS	Microorganisms, Types of Microorganisms,	CT-2					PA-01	First Term Examination
	6-10	5	MICROORGANISMS	Useful Microorganisms, Some Other Uses of Microorganisms,Harmful Microorganisms							
	13- 17	5	MICROORGANISMS	Food Preservation, Exercises							
	20-24	5	REVISION								
	27-30	4	CONSERVATION OF PLANTS AND ANIMALS	Biodiversity, Importance of Biodiversity, Biodiversity in Forests							
August	29-31	3	CONSERVATION OF PLANTS AND ANIMALS	Threats to Biodiversity, Consequences of Deforestation, Wildlife in Danger	CT-3	PA-01	First Term Examination				
September	1-2	2	CONSERVATION OF PLANTS AND ANIMALS	Conservation of Forests and Wildlife							
	5-9	5	CONSERVATION OF PLANTS AND ANIMALS	Creating Protected Areas-Biosphere Reserve,Wildlife Sanctuaries, National Parks, Endemic Species							
	12-16	5	CONSERVATION OF PLANTS AND ANIMALS	Red Data Book, Exercises							
	19- 23	5	Revision								
	26- 30	5	First Term Examination								
October	3-7	5	First Term Examination		CT-4			PA-01	First Term Examination		
	10- 14	5	CELL-STRUCTURE AND FUNCTIONS	Discovery of the Cell, Cell Theory							
	17 -21	5	CELL-STRUCTURE AND FUNCTIONS	Unicellular and Multicellular Organisms							
	24-28	5	CELL-STRUCTURE AND FUNCTIONS	Variations in Shapes and Sizes							
	31	1	CELL-STRUCTURE AND FUNCTIONS	Structure of a Cell							

November	3- 4	2	CELL-STRUCTURE AND FUNCTIONS	Cell Organelles	CT-5	PA-02	Annual Examination
	7-11	5	CELL-STRUCTURE AND FUNCTIONS	Plant and Animal Cells			
	14- 18	5	CELL-STRUCTURE AND FUNCTIONS	Growth and Division			
	21-25	5	CELL-STRUCTURE AND FUNCTIONS	Exercises			
	28-30	3	REVISION				
December	5-9	5	REPRODUCTION	Reproduction, Sexual Reproduction	CT-6	PA-03	
January	2-6	5	REPRODUCTION	Fertilization- Internal and External			
	9-13	5	REPRODUCTION	Viviparous and Oviparous Animals, Metamorphosis			
	16-20	5	REPRODUCTION	Asexual Reproduction, Exercises			
	23-27	5	REACHING THE AGE OF ADOLESCENCE	The Endocrine System			
	30-31	2	REACHING THE AGE OF ADOLESCENCE	Puberty and Adolescence-Changes at Puberty			
February	1-3	3	REVISION		CT-7		
	6-10	5	REACHING THE AGE OF ADOLESCENCE	Determining the Sex of the Baby, Role of Hormones in Metamorphosis			
	13-17	5	REACHING THE AGE OF ADOLESCENCE	Health for Adolescents			
	20-24	5	REACHING THE AGE OF ADOLESCENCE	Exercises			
	27-28	2	Revision				
March	1-3	3	Revision				
	6-10	5	Annual Examination				
	13-17	5					

