

BIOLOGY

MONTH	UNIT	TOPIC	SUB TOPIC	PRACTICALS
April	1	Life Processes	What are life processes	To prepare temporary mount of a leaf peel to show stomata.
			Nutrition	
			Respiration	
June	2	Control & Coordination	Transportation	
			Excretion	
			Animals- Nervous system	
July			Coordination in plants	
Periodic Test- 1				
July	2	Control & Coordination	Coordination in plants continued Hormones in animals	To show experimentally that CO ₂ is given out during
August	3	How do organisms reproduce	Do organisms create exact copies of themselves?	To study binary fission in amoeba and budding in Yeast
			Modes of reproduction used by single organisms	
			Sexual reproduction in plants	
			Sexual reproduction in humans	
Periodic Test- 2				
September	4	Heredity & Evolution	Accumulation of variation during reproduction	To identify the different parts of an embryo of a dicot seed (gram)
October			Heredity	
			Evolution	
			Speciation, Evolution & classification	
			Evolution should not be equated with progress	
November	5	Our Environment	What happens when we add waste to the environment Ecosystem- what are its components How do our activities affect the environment	
	6	Management of natural resources	Why do we need to manage our resources Forests & wildlife Water for all	
			Coal & petroleum An overview of natural resource management	

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MONTH	UNIT	TOPIC	SUB TOPIC	PRACTICALS
Periodic Test- 3				
December			Revision	
January			Revision & Pre Board	
February			Revision	
Board Examination				

Syllabus For Board Examination

Entire syllabus as prescribed by CSBE.