

CLASS:	10	SUBJECT:	BIOLOGY
BOOK:	CONCISE BIOLOGY – I.C.S.E. Part – II Class - X		

FIRST TERM			
Month	Topic	Chapters	Periods
April (15)	Structure of Chromosomes, Cell Cycle and Cell Division	2	3
	Genetics – Some Basic Fundamentals	3	4
May (10)	Absorption by Roots – The Processes Involved	4	3
			2
June (10)	Photosynthesis	6	4
			4
July (24)	The Excretory System	9	3
	The Circulatory System	8	5
	Pollution	16	2
August (22)	The Nervous System	10	4
	Sense Organs	11	4
September (Nil)	Revision		4
Project (June)	<p>Practical work as prescribed by the Council:</p> <p>Plant life:</p> <ol style="list-style-type: none"> 1. Observation of permanent slides of stages of mitosis 2. Experiments demonstrating: <ul style="list-style-type: none"> • Diffusion • Osmosis • Absorption using a small herbaceous plant 3. Experiments on Transpiration 4. Experiments on Photosynthesis <p>Animal Life:</p> <ol style="list-style-type: none"> 5. Identification of the structures of the urinary system, heart and kidney (internal structure) and brain (external view) through models and charts 6. Identification of different types of blood cells under a microscope 7. Identification of the internal structure of the Ear and Eye (Through models and charts) 8. Identification and location of endocrine glands: Adrenal, pancreas, Thyroid and Pituitary glands with the help of chart 		
Revision Days			4
No. of classes	Forty two		42

UNIT TEST - 1st Term		
Month	Topic	Chapters
August	Structure of Chromosomes, Cell Cycle and Cell Division Transpiration	2 5

N.A. – All subjects should have one activity per term.

	Chemical Coordination in Plants	7
	Human evolution	14
	Pollution	16

EXAMINATION - 1st Term

Month	Topic	Chapters
September	Structure of Chromosomes, Cell Cycle and Cell Division	2
	Genetics – Some Basic Fundamentals	3
	Absorption by Roots – The Processes Involved	4
	Transpiration	5
	Photosynthesis	6
	Chemical Coordination in Plants	7
	The Circulatory System	8
	The Excretory System	9
	The Nervous System	10
	Human evolution	14
	Pollution	16

ACTIVITIES

Practical problems on Genetics

SECOND TERM

Month	Topic	Chapters	Periods
October (16)	The Endocrine System	12	4
	The Reproductive System	13	2
November (19)	Population	15	3
	Revision		8
Project	Practical work as prescribed by the Council		
Revision Days			8
No. of classes	Seventeen		17

PRE-BOARD EXAMINATION

Month	Topic	Chapters
December	Structure of Chromosomes, Cell Cycle and Cell Division	2
	Genetics – Some Basic Fundamentals	3
	Absorption by Roots – The Processes Involved	4
	Transpiration	5
	Photosynthesis	6
	Chemical Coordination in Plants	7
	The Circulatory System	8
	The Excretory System	9
	The Nervous System	10
	Sense Organs	11
	The Endocrine System	12
	The Reproductive System	13
	Human Evolution	14
	Population	15
	Pollution	16

N.A. – All subjects should have one activity per term.