

St Thomas School, Dhurwa, Ranchi-4

Syllabus in detail (2021-2022)

Class 10

Subject - Biology

Name of the book : Concise Biology ICSE - Part II Class X

FIRST TERM (MARCH'21 to APRIL'21)

Term/Month/ Week	No. Of periods in a week	Number of the chapter	Name of the chapter	Topic
1st term 1st week March 8th to 12th	3	2	Structure of chromosome cell cycle and cell division	Chromosome structure cell cycle DNA structure
1st term 2nd week March 15th to 19th	3	2	Structure of chromosome cell cycle and cell division	Cell division and its phases, Difference between mitosis and meiosis
1st term 3rd week March 22nd to 26th	3	3	Genetics - some basic fundamentals	Definition of genetics, heredity, sex determination, sex linked inheritance
1st term 4th week March 30th, April 2nd to 9th	2	3	Genetics - some basic fundamentals	Monohybrid and dihybrid cross, Mendel's law of inheritance
1st term 5th week April 12th to 16th	2	8	The circulatory system	Blood, blood corpuscles, function of blood and its components
1st term 6th week April 19th to 23rd	2	8	The circulatory system	Blood transfusion, Heart, blood vessel, lymphatic system
1st term 7th week April 26th to 30th	2	9	The excretory system	Need of system, structure of kidney and nephron,

				function of kidney
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SECOND TERM (JULY '21 TO OCTOBER' 21)

Term/Month/Week	Chapter number	Name of the chapter	Topic
2nd term 1st&2nd week July 21st to 30th	10	The Nervous System	Introduction, structure of neuron, nerves, division of nervous system
2nd term 3rd week August 2nd to 6th	10	The Nervous System	Brain, parts of brain, spinal cord & peripheral nervous system
2nd term 4th week August 9th to 13th	10	The Nervous System	Autonomic nervous system, Reflexes and Reflex arc
2nd term 5th week August 16th to 20th	11	Sense organ	Receptors, Structure of eye
2nd term 6th week August 23rd to 27th	11	Sense organ	Adaptation ,Accommodation and Eye defects
2nd term 7th week 31st August, September 1st to 3rd	11	Sense organ	Ear- structure and function
2nd term 8th week September 6th to 10th	12	The Endocrine system	Need for the the regulation of of body activities, hormones, Difference between nervous and hormonal coordination
2nd term 9th week September 13th to 16th	12	The Endocrine system	Major Endocrine glands, Adrenal gland and Pancreas
2nd term	12	The Endocrine	Thyroid and Pituitary

10th week September 20th to 24th		system	gland
11th week September 27th to 30th	12	The Endocrine system	Control of hormone secretion, hormones at a glance
2nd term 12th & 13th week October 4th to 8th & 18th		Recapitulation	Discussion of sample paper

THIRD TERM (NOVEMBER '21 TO JANUARY'21)

Term/Month/ Week	Chapter number	Name of the chapter	Topic
3rd term 1st week November 8th to 12th	13	The Reproductive System	Reproduction, Pattern of reproduction, Reproduction in human
3rd term 2nd week November 16th to 18th	13	The Reproductive System	Male reproductive system Female reproductive system
3rd term 3rd week November 22nd to 26th	13	The Reproductive System	Fertilization, Implantation, Placenta, Parturition & Twins
3rd term 4th week November 29th & 30th, December 1st to 3rd	15	Population- the increasing number and rising problems	Rising population Population explosion Factors responsible for rising population Rate of population growth
3rd term 5th week December 6th to 10th	15	Sample paper discussion	Methods of contraception
3rd term 6th week January 10th to 13th		Sample paper discussion	

3rd term 7th week January 17th to 21st		Sample paper discussion	
3rd term 8th week January 24th to 28th		Sample paper discussion	
3rd term 9th week January 31st		Sample paper discussion	