

BAGARIA BAL VIDYA NIKITAN**LAXMANGARH-SIKAR****SYLLABUS & LESSON PLANNER-2022-23**

Class:-	XII
Subject:-	BIOLOGY
Teacher Name:-	RAMDEV DAYMA

SYLLABUS

Ch.No	Name of Chapter	working day	Period	Topic	Month	Week
Ch No. 2,3,4	Ch/no.02 (Sexual reproduction in flowering plant) Ch.no. 03 (Human Reproduction) Ch.no.04 (Reproductive Health)	21	24	Ch: 02 Flower Structure, Pollen pistil interaction, development of endosperm Ch: 03 Male & Female reproductive system, MC, Fertilisation & Embryo development Ch.04 STDs, MTP & ART, IVF, ZIFT, GIFT	April	1
						2
						3
Ch No.05	Principles of Inheritance & Variations	17	24	Mendelian inheritance, Polygenic Inheritance, Sex Determination, Mendelian Disorders in Humans	May	1
						2

						3
Ch No.06	Molecular Basis of Inheritance	9	11	Structure of DNA & RNA, DNA replication, transcription, Translation, HGP	June	1
						2
Ch no.07 & 08	Ch.07 (Evolution) Ch.08 (Human Health & Diseases)	26	16	Unit: 07 Darwins Contribution, Mechanism of Evolution, Types of Natural Selection Unit: 08 Pathogens, Parasites Causing Human Diseases, Vaccines, Cancer, HIV & AIDS, Alcohol & Drug Abuse	July	1
						2
Ch No. 10	Microbes in Human Welfare	23	32	Microbes in food Processing Sewage Treatment, Bio Fertilizers, Antibiotics	August	1
						2
						3
						4
Ch no.11 & 12	Ch. 11 (Bio Technology-Principles & Processes) Ch.12 (Bio Technology & Its Applications)	25	32	Unit: 011 Genetic Engineering (Recombinant DNA Technology) Ch.12 Applications of BT in Agriculture, Health, Human Insulin, Stem cell, GMO, Biotransgenic animals, Biopiracy	September	1
						2
						3

				Biopiracy		4
Syllabus Break due to Exam Period and Holidays in the month of October						
Ch. No.13, 14 & 15	Ch.13 (Organism & Populations) Ch.14 (Eco System) Ch.15 (Bio Diversity & Its Conservatiom)	25	32	Unit: 13	November	1
				Population Interactions, Population Attributes, Growth, Birth Rate, Death Rate, Age Distribution		2
				Unit: 14		3
				Eco System, Pateern, Components, Energy Flow, Bio mass Energy		4
Ch.15	Concepts , Patterns, Importance, loss of bio Diversity, Conservation, REd data book, National park,					

