

THE WISDOM GLOBAL SCHOOL

SYLLABUS BIFURCATION

GRADE-XII

SUBJECT-BIOLOGY

NAME OF BOOK- BIOLOGY NCERT

YEAR-2022-2023

NAME OF TEACHER- Mr.ANSHUL SHARMA

S.N o.	BOOK NAME	MONTH	CHAPTER NO.	CHAPTER NAME	SUB.TOPIC	NO. OF DAYS REQUIRED	ACTIVITY/ PROPS
1	BIOLOGY- NCERT	APRIL	2	SEXUAL REPRODUCTIO N IN FLOWERING PLANT	EVENTS IN SEXUAL REPRODUCTION	3	YES
2		APRIL			STRUCTURE OF FLOWER: STAMEN	1	YES
3		APRIL			DEVELOPMENT OF MALE GAMETOPHYTE	2	NO
4		APRIL			PISTIL: DEVELOPMENT OF FEMALE GAMETOPHYTE	2	NO
5		APRIL			POLLINATION-TYPE AGENCIES,AND EXAMPLE	2	NO

6		APRIL			OUT BREEDING DEVICES	1	NO
7		APRIL			POLLEN-PISTIL INTERACTION	1	NO
8		MAY			DOUBLE FERTILIZATION	1	NO
9		MAY			POST FERTILIZATION EVENT	2	NO
10		MAY			APOMIXIS AND POLYEMBRYONY	1	NO
11	BIOLOGY-NCERT	MAY	3	HUMAN REPRODUCTIO N	MALE REPRODUCTIVE SYSTEM HUMAN	1	YES
12		MAY			HUMAN REPRODUCTIVE SYSTEM FEMALE	1	YES
13		MAY			GAMETOGENESIS	3	NO
14		MAY			MENSTRUAL CYCLE	1	YES
15		MAY			FERTILIZATION AND IMPLANTATION	2	YES
16		MAY			PREGANANCY AND EMBRYONIC DEVELOPMENT, PARTURATION AND LACTATION	2	NO

**PREMID TERM ASSESSMENT**

18	BIOLOGY- NCERT	JULY	4	REPRODUCTIV E HEALTH	REPRODUCTIVE HEALTH: PROBLEMS AND STATEGIES	1	NO
19		JULY			POPULATION EXPLOSION AND BIRTH CONTROL	3	YES
20		JULY			MTP, STD, INFERTILITY	3	NO
21	BIOLOGY- NCERT	JULY	5	PRINCIPLES OF INHERITAN CE AND VARIATION	INTRODUCTION TO MENDELISM, IMPORTANT TERMINOLOGY OF GENETICS	2	NO
22		JULY			LAW OF INHERITANCE( MENDELS LAW)	3	NO
23		JULY			EXCEPTION OF MENDELISM	2	NO
24		JULY			CHROMOSOMAL THEORY OF INHERITANCE	1	NO
25		JULY			LINKAGE AND RECOMBINATION	2	NO
26		AUGUST			SEX DETERMINATION	1	YES

27		AUGUST			MUTATION: GENETIC DISORDER	2	NO
28	BIOLOGY- NCERT	AUGUST	6	MOLECULAR BASIS OF INHERITANCE	STRUCTURE OF NUCLEIC ACIDS	2	NO
29		AUGUST			PACKAGING OF DNA HELIX	1	NO
30		AUGUST			THE SEARCH OF GENETIC MATERIAL	2	NO
31		AUGUST			DNA REPLICATION	2	NO
32		SEPTEMBE R			TRANSCRIPTION AND TYPES OF RNA	2	NO
33		SEPTEMBE R			GENETIC CODE & MUTATION	1	NO
34		SEPTEMBE R			t-RNA AND TANSLATION	2	NO
35		SEPTEMBE R			REGULATION OF GENE EXPRESSION: LAC OPERON	1	NO
36		SEPTEMBE R			HUMAN GENOME PROJECT, DNA FINGER PRINTING	2	NO

**MID TERM ASSESSMENT**

37	BIOLOGY- NCERT	SEPTEMBE R	7	EVOLUTION	ORIGIN OF LIFE: THEORY & EVIDENCE OF EVOLUTION	3	NO
38		SEPTEMBE R			ADAPTIVE RADIATION	1	NO
39		OCTOBER			BIOLOGICAL EVOLUTION	1	NO
40		OCTOBER			MECHANISM OF EVOLUTION, HARDY- WEINBERG PRINCIPLE	2	NO
41		OCTOBER			A BRIEF ACCOUNT OF EVOLUTION, ORIGIN AND EVOLUTION OF HUMAN	2	NO
42	BIOLOGY- NCERT	OCTOBER	8	HUMAN HEALTH AND DISEASE	HEALTH AND COMMON DISEASES IN HUMAN	3	NO

43		OCTOBER			IMMUNITY, TYPES, VACCINATION AND IMMUNISATION, ALLERGIES, AUTO IMMUNITY, HUMAN IMMUNE SYSTEM	3	NO
44		NOVEMBER			AIDS & CANCER	2	NO
45		NOVEMBER			DRUG AND ALCOHOL ABUSE	2	NO
46	BIOLOGY-NCERT	NOVEMBER	10	MICROBES IN HUMAN WELFARE	MICROBES IN HOUSEHOLD PRODUCTS	1	NO
47		NOVEMBER			MICROBES IN INDUSTRIAL PRODUCTS	2	NO
48		NOVEMBER			MICROBES IN SEWAGE TREATMENT	2	NO
49		NOVEMBER			MICROBES IN PRODUCTION OF BIOGAS	1	NO

50		NOVEMBER			MICROBES AS BIOCONTROL AGENTS, MICROBES AS BIOFERTILIZER	2	NO
<b>POST MID ASSESSMENT</b>							
51	BIOLOGY-NCERT	JANUARY	11	BIOTECHNOLOGY: PRINCIPLES AND PROCESSES	PRINCIPLES OF BIOTECHNOLOGY	1	NO
52		JANUARY			TOOLS OF RECOMBINANT DNA TECHNOLOGY: RESTRICTION ENZYME, CLONING VECTOR, COMPETENT HOST	3	NO
53		JANUARY			PROCESS OF RECOMBINANT BIOTECHNOLOGY	2	NO
54	BIOLOGY-NCERT	JANUARY	12	BIOTECHNOLOGY AND ITS APPLICATION	BIOTECHNOLOGICAL APPLICATION IN AGRICULTURE	2	NO

55		JANUARY			BIOTECHNOLOGICAL APPLICATION IN MEDICINE	2	NO
56		JANUARY			TRANSGENIC ANIMAL, ETHICAL ISSUES	2	NO
57	BIOLOGY-NCERT	JANUARY	13	ORGANISM AND POPULATION	ORGANISM AND ITS ENVIRONMENT	2	NO
58		JANUARY			POPULATION AND ITS ATTRIBUTES	3	NO
59		JANUARY			POPULATION INTERACTION	1	NO
60	BIOLOGY-NCERT	JANUARY	14	ECOSYSTEM	ECOSYSTEM: STRUCTURE AND FUNCTION	3	NO
61		FEBRUARY			ECOLOGICAL PYRAMIDS	1	NO
62		FEBRUARY			ECOLOGICAL SUCCESSION, NUTRIENT CYCLING, ECOSYSTEM SERVICES	2	NO
63	BIOLOGY-NCERT	FEBRUARY	15	BIODIVERSITY AND CONSERVATION	BIODIVERSITY AND ITS PATTERNS	2	NO

64		FEBRUARY			LOSS OF BIODIVERSITY, CONSERVATION OF BIODIVERSITY		3 NO
PRE-BOARD ASSESSMENT							





YES	NO
YES	NO
YES	NO
NO	NO
YES	NO
NO	NO



YES	NO
YES	NO
YES	NO
YES	NO
YES	NO
YES	NO



YES	NO
YES	NO



YES	NO