

(2018-2019)

Class : XII	Subject : Biology		Subject Teacher (Prepared by): Menka Garg		Designation: P.G.T		
Syllabus Topic	Academic Book	Chapter's Name	Chapter Topic / Sub Topic	TERM	Start Date	End Date	No.of Periods
Reproduction	Biology NCERT	Reproduction in Organisms	Types of asexual reproduction,	I	02-04-2018	07-04-2018	6
	Class XII	Sexual Reproduction in Plants	sexual reproduction	I	09-04-2018	13-04-18	5
			Prefertilization, fertilization, apomixis	I	16-04-2018	20-04-18	5
		Human Reproduction	Gametogenesis, embryonic development	I	23-04-2018	27-04-18	5
			Parturition. Lactation	I	01-05-2018	04-05-18	4
		Reproductive Health	Population explosion, birth control, MTP, STD's	I	07-05-2018	11-05-18	5
Genetics and		Principles of inheritance	Mendel's Laws, Monohybrid cross,	I	14-05-2018	18-05-18	5
Evolution		and variation	dihybrid cross, mutation	I	02-07-2018	07-07-18	6
			Sex determination, recombination, crossing over	I	09-07-2018	13-07-18	5
			Mendelian disorders	I	16-07-2018	21-07-18	6
		Molecular Basis	DNA, RNA world, replication,	I	23-07-2018	27-07-18	5
Biology in		of inheritance	transcription, genetic code, translation	I	30-07-2018	03-08-18	5
Human Welfare		Evolution	Origin of life, adaptive radiation, evolution	I	06-08-2018	10-08-18	5
		Human Health	common diseases, immunity,	I	13-08-2018	17-08-18	4
		and disease	AIDS, cancer, drugs, alcohol abuse	I	20-08-2018	24-08-18	4
		Strategies for enhancement of food production	Plant breeding, Tissue culture	I	27-08-2018	01-09-18	6
		Microbes in Human Health	Microbes in household products, sewage treatment	I	04-09-2018	07-09-18	4
			Revision	I	10-09-2018	13-09-18	4

Prepared By : Name Menka Garg Sign _____

Subject Co-ordinator : Name Mr.J.K.SHARMA Sign _____

N. C. JINDAL PUBLIC SCHOOL
PUNJABI BAGH, NEW DELHI
ANNUAL CURRICULUM

Class : XII	Subject : Biology		Subject Teacher (Prepared by): Menka Garg		Designation: P.G.T		
Syllabus Topic	Academic Book	Chapter's Name	Chapter Topic / Sub Topic	TERM II	Start Date	End Date	No.of Periods
Biotechnology	Biology NCERT	Ch 11 Biotechnology:	Principles of biotechnology,	II	01-10-2018	05-10-2018	4
	Class XII	Principles and Processes	tools of biotechnolgy, rDNA technology	II	08-10-2018	12-10-2018	5
		Ch 12 Biotechnology	Applications in Agriculture	II	15-10-2018	16-10-2018	2
		and its	in medicine, Transgenic	II	22-10-2018	26-10-2018	4
		applications	animals, ethical issues	II	29-10-2018	03-11-2018	6
Ecology		Ch 13 Organism	Organism and its environment	II	05-11-2018	05-11-2018	1
		and Population	Attributes of population	II	12-11-2018	16-11-2018	4
		Ch 14 Ecosystem	Structure and function, productivity	II	19-11-2018	22-11-2018	3
		Ch 15 Biodiversity	Levels of biodiversity	II	26-11-2018	30-11-2018	5
		and conservation	Biodiversity conservation	II	03-12-2018	07-12-2018	5
		Ch 16 Environmetal issues	Air pollution, water pollution, solid wastes, ozone depletion,Revision	II	10-12-2018	13-12-2018	4
			Revision	II	17-12-2018	21-12-2018	5
			Revision	II	24-12-2018	28-12-2018	4

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N. C. JINDAL PUBLIC SCHOOL
PUNJABI BAGH, NEW DELHI
Periodic Test/Half Yearly/Annual Marking Scheme: 2018-2019

Class :	XII	Subject : Biology	
Sl.No.	PT /Half Yearly/Pre Board	Chapter/Topic	Max. Marks
I	PERIODIC TEST I	Ch-1 Reproduction of Organisms	8
		Ch2: Sexual reproduction in flowering plants	12
		Ch3: Human reproduction	12
		Ch 4: Reproductive Health	8
		Total	40
2	HALF YEARLY EXAM	Unit I Reproduction	22
		Unit II Genetics and Evolution	26
		Unit III Biology in Human Welfare	22
		Total	70
3	PERIODIC TEST II	Ch-11 Biotechnology-Principles and processes	13
		Ch 12: Biotechnology and its applications	13
		Ch 13: Organism and population	14
		Total	40
4	Pre Board Exam Syllabus	Unit I Reproduction	14
		Unit II Genetics and Evolution	18
		Unit III Biology in Human Welfare	14
		Unit IV Biotechnology	10
		Unit V Ecology and Environment	14
		Total	70

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