

**N. C. JINDAL PUBLIC SCHOOL
PUNJABI BAGH, NEW DELHI
ANNUAL CURRICULUM 2022-23**

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	Ch 2 Sexual Reproduction in flowering	Development of male and female gametophytes	I	01-04-2022	02-04-2022	2
	Class XII		Pollination, outbreeding devices, double fertilization	I	04-04-2022	08-04-22	5
			apomixis, polyembryony	I	11-04-2022	16-04-22	4
		Ch 3 Human Reproduction	Gametogenesis, menstrual cycle, embryonic development	I	18-04-2022	22-04-22	5
			Pregnancy and placenta formation	I	25-04-2022	30-04-22	6
			Parturition. Lactation	I	02-05-2022	07-05-22	5
		Ch 4 Reproductive Health	Population explosion, birth control, MTP, STD's	I	09-05-2022	14-05-22	6
Genetics and		Ch 5 Principles of inheritance	Mendel's Laws, Monohybrid cross,	I	01-07-2022	02-07-22	2
Evolution		and variation	diybrid cross, mutation, Sex determination,	I	04-07-2022	08-07-22	5
			recombination, crossing over, mendelian disorders	I	11-07-2022	16-07-22	6
		Ch 6 Molecular Basis of inheritance	DNA, RNA world, replication,	I	18-07-2022	22-07-22	5
			transcription, genetic code, translation	I	25-07-2022	30-07-22	6
		Ch 7 Evolution	Origin of life, adaptive radiation, evolution	I	01-08-2022	06-08-22	6
			natural selection, Hardy-Weinberg's principle	I	08-08-2022	12-08-22	3
Biology in		Ch 8 Human Health and diseases	common diseases, immunity,	I	16-08-2022	20-08-22	4
Human Welfare			AIDS, cancer, drugs, alcohol abuse	I	22-08-2022	26-08-22	5
		Ch 10 Microbes in Human Welfare	Microbes in household products, sewage treatment	I	29-08-2022	02-09-22	5
			bio-control and bio-fertilizer	I	05-09-2022	09-09-22	5
			Revision	I	12-09-2022	15-09-22	4

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Subject Co-ordinator : Menka Garg _____ Sign _____

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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	06-10-2022	07-10-2022	2
	Class XII	Principles and Processes	tools of biotechnology, rDNA technology	II	11-10-2022	15-10-2022	4
		Ch 12 Biotechnology	Applications in Agriculture	II	17-10-2022	21-10-2022	5
		and its applications	in medicine, Transgenic animals,ethical issues	II	27-10-2022	28-10-2022	2
			bio piracy and patents	II	31-10-2022	04-11-2022	5
Ecology		Ch 13 Organisms and Populations	Organism and its environment	II	07-11-2022	11-11-2022	4
			Attributes of population	II	14-11-2022	19-11-2022	6
		Ch 14 Ecosystem	Structure and function, productivity	II	21-11-2022	25-11-2022	5
		Ch 15 Biodiversity and conservation	Levels of biodiversity	II	28-11-2022	02-12-2022	5
			Biodiversity conservation	II	05-12-2022	07-12-2022	3
			Revision	II	12-12-2022	17-12-2022	6

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Periodic Test/Half Yearly/Annual Marking Scheme: 2022-2023

Class :	XII	Subject : Biology	
Sl.No.	PT /Half Yearly/Pre Board	Chapter/Topic	Max. Marks
I	PERIODIC TEST I	Ch2: Sexual reproduction in flowering plants	5
		Ch3: Human reproduction	5
		Ch 4: Reproductive Health	4
		Ch 5 Principles of inheritance and Variation	6
		Total	20
2	HALF YEARLY EXAM	Unit I Reproduction	22
		Unit II Genetics and Evolution	30
		Unit III Biology in Human Welfare	18
		Total	70
3	PERIODIC TEST II	Ch-11 Biotechnology-Principles and processes	7
		Ch 12: Biotechnology and its applications	6
		Ch 13: Organisms and population	7
		Total	20
4	Pre Board Exam Syllabus	Unit I Reproduction	16
		Unit II Genetics and Evolution	20
		Unit III Biology and Human Welfare	12
		Unit IV Biotechnology and its Applications	12
		Unit V Ecology and Environment	10
		Total	70

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