

<b>CLASS:</b>	<b>12</b>	<b>SUBJECT:</b>	<b>BIOLOGY</b>
<b>BOOK:</b>	<b>ISC BIOLOGY BY Dr. S.C. TRIPATHI - 12</b>		

<b>FIRST TERM</b>			
<b>Month</b>	<b>Topic</b>	<b>Chapters</b>	<b>Periods</b>
<b>APRIL</b> (15)	Sexual Reproduction in Flowering Plants	2	4
	Human Reproduction	3	6
<b>MAY</b> (10)	Human Reproduction (Contd...)	3	3
	Reproductive Health	4	3
<b>JUNE</b> (10)	Ecosystems	14	3
	Biodiversity and its Conservation	15	3
<b>JULY</b> (24)	Principles of Inheritance and Variation	5	3
	Molecular Basis of Inheritance	6	4
	Biotechnology: Principles and Processes	11	4
	Biotechnology and its Applications	12	3
<b>AUGUST</b> (22)	Evolution	7	7
	Human Health and Diseases	8	7
<b>SEPTEMBER</b> (21)	<b>REVISION OF 1<sup>ST</sup> TERM SYLLABUS</b>		3
<b>Project</b> (JUNE)	Project topics related to Genetics like Genetic disorders, Gene Therapy, Human Genome project etc. Students will explain different case studies based on these topics.		
<b>Revision Days</b>	Three		03
<b>No. of classes</b>	Fifty three		53

<b>UNIT TEST - 1<sup>st</sup> Term</b>		
<b>Month</b>	<b>Topic</b>	<b>Chapters</b>
<b>JULY</b>	1. Sexual Reproduction in Flowering Plants	2
	2. Human Reproduction	3
	3. Reproductive Health	4
	4. Ecosystems	14
	5. Biodiversity and its Conservation	15

<b>EXAMINATION - 1<sup>st</sup> Term</b>		
<b>Month</b>	<b>Topic</b>	<b>Chapters</b>
<b>SEPTEMBER</b>	1. Sexual Reproduction in Flowering Plants	2
	2. Human Reproduction	3
	3. Reproductive Health	4
	4. Ecosystems	14
	5. Biodiversity and its Conservation	15
	6. Principles of Inheritance and Variation	5

N.A. – All subjects should have one activity per term.

	7. Molecular Basis of Inheritance	6
	8. Evolution	7
	9. Biotechnology: Principles and Processes	11
	10. Biotechnology and its Applications	12
	14. Human Health and Diseases	8

<b>ACTIVITIES</b>
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DNA extraction from different types of fruits and vegetables
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<b>SECOND TERM</b>			
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Month	Topic	Chapters	Periods
OCTOBER (16)	Microbes in Human Welfare	10	4
	Organisms and Populations	13	4
NOVEMBER (19)	<b>REVISION OF THE SYLLABUS</b>		10
Project	Topics will be given as suggested by the Council entirely based on the syllabus.		
Revision Days	Three		03
No. of classes	Seventeen		17