

DON BOSCO SCHOOL, ALAKNANDA**SYLLABUS 2017–18****CLASS:** 12 A**SUBJECT:** BIOLOGY

TERM I

PERIODIC TEST I / QUARTERLY EXAMS	
CHAPTER NO.	TITLE OF THE CHAPTER
1,2,3,4, 11, 12,10,16	Reproduction in Organisms, Sexual Reproduction in Flowering Plants, Human Reproduction, Reproductive Health, Biotechnology: Principles and Processes, Biotechnology and its Application, Microbes in human welfare, Environmental Issues.

PERIODIC TEST II / HALF YEARLY EXAMS	
CHAPTER NO.	TITLE OF THE CHAPTER
1,2,3,4,5,6,8,9, 10, 11, 12, 16	Reproduction in organisms, Sexual reproduction in flowering plants, Human Reproduction, Reproductive health, Principles of Inheritance and Variation, Molecular basis of inheritance, Human health and diseases, Strategies for Enhancement in food production, Microbes in human welfare, Biotechnology: Principles and Processes, Biotechnology and its Applications, Environmental Issues.
ACTIVITY	
	Practical: Slide preparation, Study of enzyme action, T.S. of gonads and blastula, Study of disease causing micro-organisms, Extraction of DNA from banana.

TERM II

PERIODIC TEST III / PRE-ANNUAL EXAMS	
CHAPTER NO.	TITLE OF THE CHAPTER
7, 13, 14, 15	Evolution, Organisms and Populations, Biodiversity and Conservation, Ecosystem.

ANNUAL EXAMS	
CHAPTER NO.	TITLE OF THE CHAPTER
1, 2, 3, 4,5,6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16	Reproduction in organisms, Sexual reproduction in flowering plants, Human Reproduction, Reproductive health, Principles of Inheritance and Variation, Molecular basis of inheritance, Evolution, Human health and diseases, Strategies for Enhancement in food production, Microbes in human welfare, Biotechnology: Principles and Processes, Biotechnology and its Applications, Organisms and Populations, Ecosystem, Biodiversity and conservation, Environmental Issues.
ACTIVITY	
	Practical: All experiments done in Term I. Slide preparation, Soil experiments, Ecology experiment, Pedigree charts, Study of permanent slides and specimen.

