

B.Sc. Biotechnology: Semester-II BST 206 Remedial Biology II	
Teaching Scheme Lectures: 3 hrs/Week Tutorials: 1 hr/Week Credits: 4	Examination Scheme Class Test -12Marks Teachers Assessment - 6Marks Attendance - 12 Marks End Semester Exam - 70 marks

Prerequisite: - General knowledge of Biology of intermediate standard

Course Objectives:

1. To give an overview of Animal Physiology and its role and significance
2. To give basic knowledge of Functional Anatomy.
3. To have an overview of Biological Sciences.
4. To explain Reproductive health care principles.

Course Outcomes:


After completing the course, students will be able to:


CO1: To understand basic human biology concepts


CO2: To summarize the different types of human health parameters

Detailed Syllabus:

UNIT-1 Animal Physiology
Animal Physiology-I Digestion and absorption, Breathing and respiration, Body fluids and circulation.
Animal Physiology-II Neural control and coordination, chemical coordination and regulation
UNIT-2 Reproduction
Reproductive system in male and female, menstrual cycle, production of gametes, fertilization, embryodevelopment.
UNIT-3 Human Health


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Human Health & Hygiene: Population and birth control, sexually transmitted diseases, infertility, Cancer and AIDS. Adolescence and drug / alcohol abuse. Basic concepts of immunology, vaccines.

Text and Reference Books

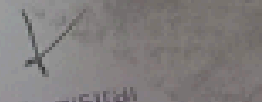
1. Biology - Textbook for Class XI, NCERT Publication
2. Biology - Textbook for Class XII, NCERT Publication
3. Human anatomy and physiology by Marieb (Pearson Education)
4. Textbook of human physiology by Chakraborty and Ghosh (2nd ed. Calcutta, The NewBookstall)
5. Human Physiology by Pocock and Richards (Oxford University Press)


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