

Undergraduate Syllabus

ELECTIVE COURSE

PART - I

Paper - I (Theory)100 Marks

PART - II

Paper - II (Theory)..... 100 Marks

Paper - III (Practical)100 Marks

PART - III

Paper - IV A (Theory)70 Marks

Paper - IV B (Practical)30 Marks.

HONOURS COURSE

PART - I

Paper - I (Theory) 100 Marks

Paper - IIA (Theory) 50 Marks.

Paper - IIB (Practical)50 Marks.

PART – II

Paper - III (Theory) ----- 100 Marks.

Paper -IVA (Theory) ----- 50 Marks.

Paper - IVB (Practical) ----- 50 Marks.

PART - III

Paper - V (Theory)100 Marks

Paper VI (Theory)100 Marks

Paper VII (Practical)100 Marks

Paper VIII (Practical)- 100 Marks.

**COURSE STRUCTURE
HUMAN PHYSIOLOGY (ELECTIVE)**

THEORY

	UNIT-I	UNIT-II	UNIT-III	UNIT-IV	UNIT-V	UNIT-VI
PAPER-I	Cell biology & Physico-chemical Properties of living System.	Blood, Body Fluid & Lymph	Cardiovascular System-I	Respiratory System I	Digestive System	Excretory System I & Skin, body Temp. Regulation
PAPER-II	Biochemistry-I & Metabolism I	Nutrition & Dietetics	Nerve Muscle Physiology	Nervous System -I & Special Senses I	Endocrinology -I	Reproductive Physiology -I
PAPER - IVA	Cardiovascular System -II & Respiratory System-II	Biochemistry-II & Metabolism II	Nervous System -II	Special Senses II & Excretory System -II	Endocrinology -II & Reproductive Physiology II	Social & Environmental Physiology

PRACTICAL

PAPER-III
PAPER- IV(B)

COURSE STRUCTURE

HUMAN PHYSIOLOGY (HONOURS)

THEORY

PAR T - I;

	UNIT-I	UNIT-II	UNIT-III	UNIT-IV	UNIT-V	UNIT-VI
PAPER- I	Cell biology and Cell biological technique	Biophysical and Biochemical Principles	Blood, Lymph and tissue fluid	Enzymology	Musculo-skeletal system	Digestive system
PAPER- II(A)	Biochemistry-	Metabolism-	Nutrition and Dietetics			

PART – II

	UNIT-I	UNIT-II	UNIT-III	UNIT-IV	UNIT-V	UNIT-VI
PAPER- III	Cardiovascular System I	Respiratory System	Endocrinology I	Reproductive Physiology	Excretory System & skin body temperature regulation	Environmental Physiology
PAPER- IV(A)	Nerve Muscle Physiology & Nervous System -I	Nervous System II	Special Senses			

PA R T – III

	UNIT-1	UNIT-II	UNIT-III	UNIT-IV	UNIT-V	UNIT-VI
Paper V	Biochemistry II and Metabolism II	Microbiology	Immunology	Molecular Biology I	Molecular Biology II and Genetics	Endocrinology II and Reproductive Physiology II
Paper - VI	Cardiovascular System II	Nervous System III	Work Physiology and Ergonomics	Sports Physiology	Special Senses II	Biostatistics

PRACTICAL

PAPER - II(B)
PAPER - IV(B)
PAPER - VII & VIII