

SECTION-1
CHAPTER-1

**1.1.GENERAL HUMAN ANATOMY INCLUDING EMBRYOLOGY, HISTOLOGY AND
OSTEOLOGY**

1.1.1a AIM: To know the structure and organization of tissues, organs and apparatus in the human body.

1.1.1b OBJECTIVES:

Knowledge and understanding: To understand the relationships between structure and function in the tissues and most organs in the human body.

Skills

The student shall gain perspective into the dissection processes of the human body.

Attitudes

The student shall learn to co-relate the anatomical structures with the body processes and pathologies.

1.1.1c OUTCOMES:

On successful completion of the program students will be able to:

Describe in detail the structure and function of musculoskeletal, cardio-respiratory, nervous and other associated systems.

Demonstrate advanced experiential knowledge and handling skills, in clinical examination of the musculoskeletal and nervous system.

Demonstrate advanced experiential knowledge in laboratory and field based exercise testing in athletic and non-athletic populations.

Demonstrate an advanced knowledge of the diagnosis, biological basis, treatment and rehabilitation of exercise and sports related injuries, and common illnesses impacting on sports and exercise performance.

Demonstrate a detailed knowledge and critical understanding of selected areas of sports and exercise medicine gained through independent research.

Apply an empirical approach to problem solving.