

Subject Code: B13104/R13

I B. Pharmacy I Semester Supplementary Examinations Aug. - 2015

HUMAN ANATOMY & PHYSIOLOGY-I

Time: 3 hours

Max. Marks: 70

Question Paper Consists of **Part-A** and **Part-B**
Answering the question in **Part-A** is Compulsory,
Three Questions should be answered from **Part-B**

PART-A

1. (a) Describe the properties of muscular tissue
- (b) Write a note on Blood Disorders
- (c) Discuss the Anatomical differences between Arteries and Veins
- (d) Draw a labeled diagram of Lungs
- (e) Write a note on Gastro Intestinal Secretions and their Composition
- (f) Write a note on Renin- angiotensin system [4+3+3+4+4+4]

PART -B

2. (a) Explain about various elementary tissues of the human body
 - (b) Discuss the composition and functions of Skeleton [10+6]
3. Write a note on the following
 - (a) Blood groups
 - (b) Coagulation Factors
 - (c) Blood Hormones
 - (d) Haemostasis [5+3+3+5]
4. (a) Enlist the factors effecting stroke volume and cardiac output
 - (b) Describe the structure and functions of Primary and secondary lymphatic organs. [8+8]
5. (a) Explain the pressure differences in lungs during Respiration
 - (b) Explain the transportation of O₂ and CO₂ in the body and factors affecting it? [8+8]
6. (a) Explain the process of Digestion and Absorption of Fats
 - (b) Write a note on regulation of Gastric motility and secretions [8+8]
7. (a) Explain the mechanism and Hormones regulating urine formation
 - (b) Discuss in detail about the functions of Urinary system [8+8]
