PAPER ID-310846

Roll No: | | | | | | | | | | | | | |

**B PHARM**
**(SEM-I) THEORY EXAMINATION 2020-21**
**HUMAN ANATOMY AND PHYSIOLOGY**

***Time: 3 Hours*** ***Total Marks: 75***

**Note: 1.** Attempt all Sections. If require any missing data; then choose suitably.

**SECTION A**

**1. Attempt *all* questions in brief.** **10 x 2 = 20**

| | |
|---|---|
| a. | Define Anatomy & Physiology. |
| b. | Write the function of Mitochondria. |
| c. | Define Osteoblast & Osteocalst. |
| d. | Write the name of pigment present in rod and cone cell. |
| e. | What is Catabolism and Anabolism? |
| f. | Write about the two main function of skin. |
| g. | Define is sagital and parasagital plane. |
| h. | Name the bones present in the ear. |
| i. | Define the term Homeostasis. |
| j. | What is Erythropoisis? |

**SECTION B**

**2. Attempt any *two* parts of the following:** **2 x 10 = 20**

| | |
|---|---|
| a. | Classify skeletal system & Discuss about the structure and function of vertebral column. |
| b. | Define blood coagulation. Write in details about different stages involved in blood coagulation. |
| c. | Draw a well labeled diagram of cell and explain transport mechanisms across plasma membrane. |

**SECTION C**

**3. Attempt any *five* parts of the following:** **7 x 5 = 35**

| | |
|---|---|
| a. | Write about the structure and function of plasma membrane. |
| b. | Write a note on Blood Group. |
| c. | Explain positive and negative feedback mechanism with example. |
| d. | Discuss about the mechanism of physiology of hearing. |
| e. | Explain the structure and function of long bone. |
| f. | Define cell division and explain somatic cell division with diagram. |
| g. | Describe the basic anatomy of eye with the help of diagram. |

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