Printed Pages:01 **Sub Code: BP- 101T**

Paper Id: 233050 **Roll No.** | | | | | | | | | | |

B PHARM
(SEM I) THEORY EXAMINATION 2022-23
HUMAN ANATOMY AND PHYSIOLOGY-THEORY

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

Note: 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 name of two neurotransmitter.

(c) Write the name of Universal donar.

(d) Define the term Synapse.

(e) What do mean by Rh factor?

(f) Write about the two main function of lymphatic system.

(g) Write the name of pigment present in rod and cone cell.

(h) Name the bones present in the ear.

(i) What is cardiac output?

(j) Write the name of power house of the cell.

SECTION B

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

(a) Draw a well labeled diagram of plasma membrane and explain transport mechanisms across plasma membrane.

(b) Classify Skeletal system & Discuss about the structure and function of Vertebral column.

(c) Define blood coagulation. Write in details about different stages involved in blood coagulation.

SECTION C

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

(a) Explain the anatomy of Heart with well labeled diagram.

(b) Explain the physiology of hearing in detail.

(c) Write a note on Blood Groups and explain Erthroblastosis fetalis.

(d) Discuss the anatomy and physiology of Lymph node.

(e) Draw a well labeled diagram of cell and its function.

(f) Write a short note on Mitosis.

(g) Describe the basic anatomy of Eye with the help of diagram.

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