



PAPER ID-310046

Printed Page: 1 of 1
Subject Code: BP101T

Roll No:

| | | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| | | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|

BPHARM
(SEM I) THEORY EXAMINATION 2023-24
HUMAN ANATOMY AND PHYSIOLOGY– THEORY

TIME: 3 HRS**M.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. | What do you mean by the term anatomy? |
| b. | Mention some examples of connective tissue. |
| c. | What is ligand? |
| d. | Write the name of taste buds. |
| e. | Illustrate the significance of electrocardiogram. |
| f. | Draw a neat and well labeled diagram of Neuron. |
| g. | What are the types of joints on the basis of movement? |
| h. | What is hemopoiesis? |
| i. | Define pulse rate. |
| j. | Write the name of the smallest bone in human body. |

SECTION B

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

| | |
|----|---|
| a. | Elaborate the process of homeostasis with suitable diagram. |
| b. | Explain the physiology of muscle contraction in detail. |
| c. | Discuss the mechanism of hearing and balancing in human body. |

SECTION C

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

| | |
|----|---|
| a. | What are the most important processes of human life? Discuss. |
| b. | Discuss the primary active and secondary active process with suitable examples. |
| c. | Enumerate the cranial nerves with their functions. |
| d. | How is blood pressure regulated? Discuss. |
| e. | What is coagulation? Enlist the factors involved in coagulation. |
| f. | Briefly discuss the physiology of G-protein coupled receptor. |
| g. | Write an exhaustive note on lymph nodes. |