



PAPER ID-310046

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Subject Code: BP101T

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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.