PAPER ID-311374

Subject Code: BP101T

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

BPHARM

(SEM I) THEORY EXAMINATION 2023-24

HUMAN ANATOMY AND PHYSIOLOGY– THEORY

TIME: 3HRS **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.	Differentiate between axial and appendicular skeletal system.
b.	Recall positive feedback system.
c.	Summarize homeostasis.
d.	Sketch a well labeled diagram of an eye.
e.	Explain Rh factor.
f.	Write about the two main functions of excretory system.
g.	Write the name of bones present in the ear.
h.	Define intraocular tension.
i.	Enumerate cell junction and its types.
j.	Explain the term endocrine signaling pathway.

SECTION B

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

a.	Describe origin and functions of cranial nerve.
b.	Sketch a well labeled diagram of heart. Discuss the conducting system of heart.
c.	Elaborate the process of blood coagulation. Recognize in detail about process of blood coagulation.

SECTION C

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

a.	Explain transport mechanisms across plasma membrane.
b.	Write a note on meiotic cell division.
c.	Discuss about the structure and function of plasma membrane.
d.	Define erythropoiesis. Explain its mechanism in detail.
e.	Examine the difference between sympathetic and parasympathetic nervous system.
f.	Discuss about the mechanism of physiology of vision.
g.	Explain the anatomy and physiology of muscles contraction.

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