



PAPER ID-310010

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Subject Code: BP201T

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

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.	Define the action potential.
b.	Highlight the functions of thymus gland
c.	Why is pancreas considered as mix gland?
d.	What is lung capacity?
e.	Illuminate the role of diaphragm in respiration.
f.	What do understand by reflex activity?
g.	What are the functions of neurotransmitter?
h.	Mention the implications of liver in digestion.
i.	Write the dental formula of human.
j.	Write the types of salivary glands with their locations.

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

a.	Describe the process of urine formation in kidney.
b.	Elaborate the mechanism of action of thyroid hormone.
c.	Discuss the spermatogenesis process with suitable diagram.

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

a.	Define gene. Explain the genetic pattern of inheritance.
b.	Illustrate the mechanism of respiration.
c.	Write an exhaustive note on regulation of acid production.
d.	Draw a neat and clean diagram of female reproductive system.
e.	Discuss the role of RAS in kidney.
f.	Describe the physiology of menstruation.
g.	Explain the functions of cerebellum in detail.