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BPHARM
(SEM II) THEORY EXAMINATION 2021-22
HUMAN ANATOMY AND PHYSIOLOGY II

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

- Attempt all Sections and Assume any missing data.
- Appropriate marks are allotted to each question, answer accordingly.

SECTION-A

Q1.	Attempt All of the following Questions in brief	Marks(10X2=20)
a	Define the term Cerebrum.	
b	Define Glomerular Filtration Rate (GFR).	
c	Enlist the function of hormones.	
d	What do you mean by gametogenesis?	
e	What is the role of the Hydrochloric acid in digestive system?	
f	Give functions of cerebellum.	
g	Draw a well labeled diagram of neuron.	
h	Define tidal volume.	
i	Draw a well labeled diagram of Kidney.	
j	Enlist function of Saliva.	

SECTION-B

Q2.	Attempt ANY Two of the following Questions	Marks(2X10=20)
a	Explain in detail about autonomic nervous system?	
b	Write various parts of digestive system. Discuss the physiology of digestion in detail.	
c	Discuss in detail about endocrine system. Classify Hormones and explain the mechanism of action of Hormones .	

SECTION-C

Q3.	Attempt ANY five following Question	Marks (5X7=35)
a	Describe the mechanism of ATP Formation.	
b	Discuss in detail about structure of liver and role of bile juice in digestion.	
c	Describe different parts and types of Nephron.	
d	Discuss the mechanism of Neurohumoral transmission in CNS.	
e	Explain the physiology of menstruation cycle.	
f	Define the term BMR and how it is determined? Describe various factors affecting BMR.	
g	Explain the anatomy of Respiration and discuss it mechanism in detail	