


Name:			
Enrolment No:			
UPES End Semester Examination, May 2024			
Course: Human Anatomy and Physiology-II Program: B. Pharm Course Code: BP201 T		Semester: II Duration: 03 Hours Max. Marks: 75	
Instructions: Read the question paper carefully. Attempt the questions as mentioned.			
SECTION A (20Qx1M=20 Marks)			
S. No.	Multiple Choice Questions/objective/one line	Marks	COs
Q 1	Brain and Spinal cord are part of following. a) ANS b) CNS c) PNS d) None of these	1	CO1
Q 2	β and α waves are produced in the following. a) Brain b) Kidneys c) Stomach d) Lungs	1	CO1
Q 3	Mention the functions of meninges.	1	CO1
Q 4	Receptors are a) Protein b) Fatty acids c) Enzymes d) Carbohydrates	1	CO1
Q 5	Name any one salivary enzyme.	1	CO2
Q 6	Enlist different portions of stomach.	1	CO2
Q 7	Following cells are responsible for secretion of acid in stomach. a) Goblet cells b) Parietal cells c) Mast cells d) Mast cells	1	CO2
Q 8	Write the name of causative organism of peptic ulcer.	1	CO1
Q 9	What is cardiac notch?	1	CO2
Q 10	Define tidal volume.	1	CO1
Q 11	Asthma is the disease associated with ----- system.	1	CO2
Q 12	In which condition artificial respiration is recommended?	1	CO3
Q 13	Kidneys, ureter, urethra and urinary bladder are organs of the ----- system.	1	CO2
Q 14	Write steps involved in urine formation.	1	CO4
Q 15	Following tissues constitute and form anterior lobe of pituitary. a) Glandular tissue b) Nervous tissue c) Both d) None	1	CO2
Q 16	Name the hormone predominantly affect BMR.	1	CO3
Q 17	Give examples of any two endocrine glands.	1	CO2
Q 18	Estrogen and progesterone are male sex hormones. (True/False)	1	CO1
Q 19	Define oogenesis.	1	CO1
Q 20	Following hormone is secreted by pineal gland. a) Melatonin b) Growth Hormone c) Testosterone d) Thyroxine	1	CO1
SECTION B (20 Marks) (2Qx10M=20 Marks)			

Attempt 2 Question out of 3			
Q 1	Explain the anatomy of stomach. Describe the functions of all the digestive organs.	10	CO2
Q 2	Discuss different parts of nephron. Elaborate the physiology of urine formation.	10	CO2
Q 3	Write regulation and functions and clinical significance of adrenal gland hormones.	10	CO4
SECTION-C (35 Marks) (7Qx5M=35 Marks)			
Attempt 7 Question out of 9			
Q 1	How transportation of respiratory gases takes place?	5	CO3
Q 2	Classify hormones on different basis with suitable examples.	5	CO1
Q 3	Describe the structure of thyroid glands. Give clinical significance of thyroid hormones.	5	CO3
Q 4	Write a note on mechanism of respiration.	5	CO4
Q 5	Discuss an elaborative note on physiology of menstruation.	5	CO2
Q 6	Classify nerve fibers based on their structure and functions.	5	CO1
Q 7	Briefly describe the anatomy and functions of female reproductive system.	5	CO2
Q 8	Explain RAAS and mention its clinical significance.	5	CO5
Q 9	What is breathing? Explain its mechanism.	5	CO3