

C.U.SHAH UNIVERSITY**Winter Examination-2022****Subject Name: Human Anatomy and Physiology II - Theory****Subject Code: BP201T****Branch: B.Pharm****Semester: 2****Date: 19/09/2022****Time: 11:00 To 02:00****Marks: 75**

Instructions:

- (1) Use of Programmable calculator & any other electronic instrument is prohibited.
 - (2) Instructions written on main answer book are strictly to be obeyed.
 - (3) Draw neat diagrams and figures (if necessary) at right places.
 - (4) Assume suitable data if needed.
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Q-1	Attempt the following questions:	(20)
A	Define neurotransmitter	2
B	Name the organs involved in Digestive system.	2
C	What are the functions of teeth?	2
D	What is Respiration?	2
E	What are the phases of Respiration?	2
F	Name the renal disorders.	2
G	What are Hormones?	2
H	Briefly explain Exocrine and Endocrine glands.	2
I	Explain in brief Sex Hormones.	2
J	Explain MTP (Medical Termination of Pregnancy).	2

Attempt the following questions:

Q-2	Attempt any two of following:	(20)
A	Describe formation, storage and functions of thyroid hormones.	10
B	Discuss the anatomy and physiology of Nephron.	10
C	Discuss the structure and functions of Stomach.	10

Q-3	Attempt any Seven of following:	(35)
A	Differentiate sympathetic and parasympathetic nerve system	5
B	Explain digestion and absorption of Carbohydrates in different parts of GI-tract.	5
C	Write a note on Respiratory Volumes (Lung Volumes and capacities).	5
D	Explain the mechanism of Respiration.	5
E	Describe the functions of Kidney.	5
F	Explain Micturition Reflex.	5
G	Write a note on hormones secreted by Pituitary glands.	5
H	Explain anatomy of Male Reproductive system.	5
I	Discuss Menstrual cycle in detail.	5

