Enrollment No: _____ Exam Seat No:_____

C.U.SHAH UNIVERSITY

Winter Examination-2018

Subject Name: Human Anatomy and Physiology II -Theory

Subject Code: BP201T **Branch: B.Pharm**

Semester: 2 **Date : 20/10/2018** **Time : 02:30 To 05:30** **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.

Q-1 **Attempt the following questions:** **(20)**

a) External respiration
b) Asthma
c) Lipid Soluble Hormones
d) Oxytocin
e) Basal Metabolic Rate
f) Lung Volumes and capacities
g) Glomerular Filtration rate
h) Renal Calculi
i) Urinary tract Infection
j) Gastric Ulcer

Attempt the following questions:

Q-2		**Attempt any two of following :**	**(20)**
	A	Draw labeled diagram of digestive system and enumerate functions of each of the labeled parts	**10**
	B	Enlist the name of endocrine glands and give the physiological role of adrenaline in body	**10**
	C	Describe in detail the process of urine formation	**10**
Q-3		**Attempt any Seven of following :**	**(35)**
	A	Define Neurotransmitter. Write different neurotransmitter and their function in CNS	**5**
	B	Describe in detail various phases of menstrual cycle	**5**
	C	Draw the labeled diagram of nephron	**5**
	D	Give the importance of buffer system for Acid-Base balance in body	**5**
	E	Write about the secretions of Pancreas	**5**
	F	How does digestion take place in intestine?	**5**
	G	Explain anatomy of male reproductive system with neat and labeled diagram	**5**
	H	Give functions of Glucocorticosteroids.	**5**
	I	Write actions and disorder related to Insulin.	**5**