

Enrollment No: \_\_\_\_\_

Exam Seat No: \_\_\_\_\_

# C.U.SHAH UNIVERSITY

## Summer Examination-2019

**Subject Name: Human Anatomy and Physiology II - Theory****Subject Code: BP201T****Branch: B.Pharm****Semester: 2****Date: 16/04/2019****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.

<b>Q-1</b>	<b>Attempt the following questions:</b>	<b>(20)</b>
	a) List out neurotransmitters of CNS	2
	b) Artificial respiration	2
	c) Gigantism and Acromegaly	2
	d) Oogenesis	2
	e) Acid base imbalance	2
	f) Enumerate functions of lungs	2
	g) Explain role of pancreatic hormones	2
	h) Comment on: creatinine phosphate as an ATP store	2
	i) Functions of cerebral cortex	2
	j) Enumerate hormones of pituitary gland	2
	<b>Attempt the following questions:</b>	
<b>Q-2</b>	<b>Attempt any two of following :</b>	<b>(20)</b>
A	Draw neat labeled diagram of digestive system. Explain functions of each parts	10
B	Draw neat labeled diagram of female reproductive system. Explain spermatogenesis in detail.	10
C	Draw neat labeled diagram of respiratory system. Explain transportation of respiratory gases	10
<b>Q-3</b>	<b>Attempt any Seven of following :</b>	<b>(35)</b>
A	Describe physiology of mensuration cycle	5
B	Describe anatomy and functions of liver	5
C	Explain role and formation of thyroid hormones	5
D	Draw neat labeled diagram of neuron and explain its parts in detail	5
E	Discuss different lung volumes & capacities with special reference to spirometry	5
F	Explain reflex activity with diagram	5
G	Explain functions of male and female sex hormones	5
H	Discuss physiology of pregnancy	5
I	Explain structure and functions of nephron	5

