

C.U.SHAH UNIVERSITY**Summer Examination-2022****Subject Name: Human Anatomy and Physiology II - Theory****Subject Code:BP201T****Branch: B.Pharm****Semester: 2****Date: 04/07/2022****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	What is neuron? Draw a well labelled diagram of neuron.	2
B	Enlist the disorders of GI tract.	2
C	Briefly explain the Anatomy of small intestine.	2
D	What is Respiration. Give types of Respiration.	2
E	Define Tidal volume and Vital capacity of lungs.	2
F	What is Urinary system?	2
G	What is Micturition?	2
H	Briefly explain Exocrine and Endocrine glands.	2
I	Briefly explain Fertilization.	2
J	Define Spermatogenesis and Oogenesis.	2

Attempt the following questions:

Q-2	Attempt any two of following:	(20)
A	Draw labelled diagram of digestive system and enumerate the functions of each labelled parts.	10
B	Explain the Physiology of urine formation.	10
C	Explain Anatomy of Female Reproductive system and Menstrual cycle in detail.	10
Q-3	Attempt any Seven of following:	(35)
A	Describe the process of signal transmission at synapses.	5
B	Explain acid production in stomach.	5
C	Explain digestion and absorption of Carbohydrates in different parts of GI-tract.	5
D	Explain the mechanism of Respiration.	5
E	Describe the functions of Kidney.	5
F	Explain Micturition Reflex.	5
G	What are hormones? Name the hormones secreted by various endocrine glands.	5
H	Write a note on thyroid hormones.	5
I	Discuss various contraceptive methods.	5

