

GUJARAT TECHNOLOGICAL UNIVERSITY
B.Ph. - SEMESTER II • EXAMINATION – SUMMER -2020

Subject Code:BP201TP**Date: 26-10-2020****Subject Name: Human Anatomy and Physiology II****Time: 10:30 AM TO 1:30 PM****Total Marks: 80****Instructions:**

1. Attempt any five questions.
2. Make suitable assumptions wherever necessary.
3. Figures to the right indicate full marks.

Q.1	(a) Explain conduction of nerve impulses.	06
	(b) Write a short note on anatomy of salivary gland.	05
	(c) Write a short note on mechanics and mechanism of respiration.	05
Q.2	(a) Explain structural and functional unit of the kidney.	06
	(b) Classify endocrine glands with examples.	05
	(c) Draw clean and neat diagram of male reproductive system.	05
Q.3	(a) Short note on transcription.	06
	(b) Explain different types of cranial nerves.	05
	(c) Explain mechanism of gastric acid secretion.	05
Q.4	(a) Explain energetics of ATP.	06
	(b) Discuss about control of respiration.	05
	(c) Explain physiology of urine formation.	05
Q.5	(a) Short note on hormones of anterior pituitary gland.	06
	(b) Write a short note on menstruation cycle.	05
	(c) Write about translation process.	05
Q.6	(a) Give detailed account on reflex arc.	06
	(b) Short note on physiology of liver.	05
	(c) Discuss counter current mechanism with diagram.	05
Q.7	(a) Explain anatomy and physiology of thyroid gland.	06
	(b) Discuss spermatogenesis or oogenesis.	05
	(c) Write about synthesis, storage, release and metabolism of Acetyl choline.	05
