

GUJARAT TECHNOLOGICAL UNIVERSITY**B.Ph. SEMESTER-II • EXAMINATION – SUMMER -2023****Subject Code:BP201TP****Date: 04/08/2023****Subject Name: Human Anatomy and Physiology II****Time: 02:30pm to 05:30pm****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) Write classification of nervous system and give properties of nerve fibre.	06
	(b) Describe structure and functions of brain	05
	(c) Discuss gross structure and functions of spinal cord	05
Q.2	(a) Explain anatomy and functions of stomach.	06
	(b) Describe disorders of GIT.	05
	(c) Write short note on salivary glands.	05
Q.3	(a) Explain mechanism of respiration.	06
	(b) Describe anatomy of lungs.	05
	(c) Discuss regulation of respiration.	05
Q.4	(a) Describe functions of kidney and urinary tract.	06
	(b) Explain physiology of urine formation.	05
	(c) Discuss role of RAS in kidney and disorders of kidney.	05
Q.5	(a) Discuss Formation and role of ATP.	06
	(b) Write short note on nephron.	05
	(c) Explain anatomy and functions of pancreas.	05
Q.6	(a) Write classification of hormone and explain mechanism of hormone action.	06
	(b) Explain structure and functions of adrenal gland.	05
	(c) Write short note on Pancreas.	05
Q.7	(a) Explain Anatomy of female reproductive system.	06
	(b) Describe physiology of menstruation.	05
	(c) Write note on protein synthesis.	05
