

**GUJARAT TECHNOLOGICAL UNIVERSITY**  
**B.PHARM – SEMESTER –2 EXAMINATION – SUMMER-2024**

**Subject Code: BP201TP****Date: 07/06/2024****Subject Name: Human Anatomy and Physiology II****Time: 10.30 a.m. to 1.30 p.m.****Total Marks: 80****Instructions:**

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

<b>Q.1</b>	(a) Classify nerve fibre and write its property.	<b>06</b>
	(b) Draw neat and labeled diagram of digestive system and write its function.	<b>05</b>
	(c) Write a note on artificial respiration and resuscitation method.	<b>05</b>
<b>Q.2</b>	(a) Write a note on secretion of pituitary gland.	<b>06</b>
	(b) Write steps involving in protein synthesis.	<b>05</b>
	(c) Draw labeled diagram of female reproductive system.	<b>05</b>
<b>Q.3</b>	(a) Explain action potential, nerve impulse, synapse and neurotransmitter.	<b>06</b>
	(b) Write detailed note on reflex activity.	<b>05</b>
	(c) Explain anatomy and functions of pancreas with associated disorders..	<b>05</b>
<b>Q.4</b>	(a) Describe the function of liver and its disorder	<b>06</b>
	(b) Write the physiology of urine formation.	<b>05</b>
	(c) Write a note RAAS and enlist disorder of kidney.	<b>05</b>
<b>Q.5</b>	(a) Write physiology of menstruation.	<b>06</b>
	(b) Write in detail about thyroid gland and its secretion.	<b>05</b>
	(c) What are the functions of cerebrum? Enlist all cranial nerves.	<b>05</b>
<b>Q. 6</b>	(a) Classify the hormone and give mechanism of hormone action.	<b>06</b>
	(b) Write a note on chemical digestion.	<b>05</b>
	(c) Describe internal and external respiration.	<b>05</b>
<b>Q.7</b>	(a) Write about pregnancy and parturition.	<b>06</b>
	(b) Write a note on CSF.	<b>05</b>
	(c) What are inherited diseases? Explain the pattern of inheritance.	<b>05</b>

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