

Seat No.: \_\_\_\_\_

Enrolment No. \_\_\_\_\_

**GUJARAT TECHNOLOGICAL UNIVERSITY**  
**BPHARM – SEMESTER II • EXAMINATION – WINTER - 2013**

**Subject code: 220007**

**Date: 02-06-2014**

**Subject Name: Human Anatomy Physiology and Health Education-II**

**Time: 02:30 pm - 05:30 pm**

**Total Marks: 80**

**Instructions:**

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

<b>Q.1</b>	(a) Describe physiology of nerve excitation and conduction through neuron.	<b>06</b>
	(b) Write a note on EEG.	<b>05</b>
	(c) Write a note on Cerebrum.	<b>05</b>
<b>Q.2</b>	(a) Draw a labeled diagram of eye and write about physiology of vision.	<b>06</b>
	(b) Write about Anatomy and Physiology of skin.	<b>05</b>
	(c) Write a note on Physiology of ageing.	<b>05</b>
<b>Q.3</b>	(a) Describe physiology of respiration.	<b>06</b>
	(b) Write about structure and function of nephron.	<b>05</b>
	(c) Write down difference between sympathetic and parasympathetic system.	<b>05</b>
<b>Q.4</b>	(a) Describe anatomy and physiology of endocrine part of pancreatic gland.	<b>06</b>
	(b) Define endocrine hormone. Write down classification of endocrine hormones and differentiate hormones with neurotransmitters.	<b>05</b>
	(c) Write a note on supra renal gland and its hormone.	<b>05</b>
<b>Q.5</b>	(a) Describe male reproductive system in detail.	<b>06</b>
	(b) Write about oogenesis in detail.	<b>05</b>
	(c) Write about physiology of menstruation.	<b>05</b>
<b>Q. 6</b>	(a) Write in brief about causative agents, mode of spread, prevention and treatment of chicken pox.	<b>06</b>
	(b) Describe in detail about the symptoms and treatment of food poisoning.	<b>05</b>
	(c) Define vaccines. Write a brief note on any two vaccines useful for the prevention of infectious disease.	<b>05</b>
<b>Q.7</b>	(a) Define family planning and describe non-surgical methods of family planning.	<b>06</b>
	(b) Describe first aid treatment of snake bite.	<b>05</b>
	(c) Write a note on cardiac resuscitation method.	<b>05</b>

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