GUJARAT TECHNOLOGICAL UNIVERSITY
BPHARM – SEMESTER II • EXAMINATION – WINTER - 2013Subject code: 220007Date: 02-06-2014Subject Name: Human Anatomy Physiology and Health Education-IITime: 02:30 pm - 05:30 pmTotal Marks: 80Instructions:

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