Seat No.:	Enrolment No.

GUJARAT TECHNOLOGICAL UNIVERSITY

BPHARM – SEMESTER II • EXAMINATION – WINTER • 2014

	•	ect code: 220004 Date: 05-12-2014	
r	Time	ect Name: Anatomy Physiology and Health Education - II : 02:30 pm - 05:30 pm Total Marks: 80 actions:	
		 Attempt any five questions. Make suitable assumptions wherever necessary. Figures to the right indicate full marks. 	
Q.1	(a)	Define Blood Pressure. Explain types of blood pressure and regulation of blood	06
	(b) (c)	pressure Write a note on physiology of urine formation Describe the phases of menstruation cycle	05 05
Q.2	(a) (b) (c)	Discuss anatomy and physiology of adrenal gland Draw the labeled diagram of human brain. Write a note on ageing process.	06 05 05
Q.3	(a)	Define nervous system. Differentiate the sympathetic and parasympathetic	06
	(b) (c)	nervous system. Write a note on cardiac cycle Write a note on ECG.	05 05
Q.4	(a) (b) (c)	Define the folloowing term: a. Acromegaly b. Action potential c. Angina pectoris Write a note on erythropoesis. Write a note on respiratory volumes and capacity.	06 05 05
Q.5	(a) (b) (c)	Draw and explain the reflex arch. Discuss the hormone which regulates the blood sugar level. Write a note on spermatogenesis.	
Q. 6	(a) (b) (c)	Write a note on mechanism of respiration	
Q.7	(a) (b) (c)	Write a note on physiology of vision Define first aid. Discuss the first aid for the snake bite. Draw the labeled diagram of heart	06 05 05
