

Seat No.: _____

Enrolment No. _____

GUJARAT TECHNOLOGICAL UNIVERSITY
BPHARM – SEMESTER II • EXAMINATION – SUMMER • 2014

Subject code: 220004

Date: 02-06-2014

Subject Name: 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.**

Q.1	(a) Describe cardiac cycle	06
	(b) Physiology of respiration	05
	(c) Write a note on reflex arch	05
Q.2	(a) Synthesis and physiological role of thyroid hormones	06
	(b) Renin angiotensin system and it's significance	05
	(c) Explain following terms	05
	(1) Addison's disease (2) Dysmenorrhea (3) Myopia	
	(4) Stroke volume (5) Heart failure	
Q.3	(a) Describe menstruation cycle	06
	(b) Write a note on cranial nerves	05
	(c) Blood pressure and it's regulation	05
Q.4	(a) Physiology of urine formation	06
	(b) Write a note on physiology of ageing	05
	(c) Female sex hormones	05
Q.5	(a) Describe female reproductive system	06
	(b) Cardiac output and factors affect it	05
	(c) Physiological effect of adrenaline	05
Q.6	(a) Draw and describe eye	06
	(b) Write note on thalamus and hypothalamus	05
	(c) Functions and disorders related to growth hormone	05
Q.7	(a) Physiology of Hearing and equilibrium	06
	(b) Write a note on CSF	05
	(c) Glucocorticosteroids	05
