

GUJARAT TECHNOLOGICAL UNIVERSITY

B. Pharm. – SEMESTER II • EXAMINATION – WINTER 2015

Subject Code: 220007

Date: 17/12/2015

Subject Name: Human Anatomy Physiology and Health Education-II

Time: 2.30 pm to 5.30 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) Define or explain the following terms (1) asthma (2) addison's disease (3) diabetes (4) Pheochromacytoma (5) renal calculi (6) goitre	06
	(b) Describe the physiology of vision.	05
	(c) Differentiate between somatic nervous system and autonomic nervous system.	05
Q.2	(a) Describe formation, storage and release of thyroid hormones.	06
	(b) Write about mechanism and regulation of respiration.	05
	(c) Write a note on reflex action.	05
Q.3	(a) Write short notes on hormones of anterior pituitary gland.	06
	(b) Draw neat and labeled diagram of ear.	05
	(c) Explain the functional role of glucocorticoids.	05
Q.4	(a) Write a note on hormonal changes in menstruation.	06
	(b) Draw the neat and labeled diagram of respiratory system.	05
	(c) Give the functions of hypothalamus.	05
Q.5	(a) Explain the anatomy of female reproductive system.	06
	(b) Explain the physiological variables affecting respiration.	05
	(c) Write a note on functions of skin.	05
Q. 6	(a) Write a note on urine formation.	06
	(b) Give brief note on communicable diseases.	05
	(c) Enumerates the parts of brain and Describe medulla oblongata.	05
Q.7	(a) Explain the surgical methods of family planning.	06
	(b) Describe the first aid treatment of burns.	05
	(c) Write in brief on causative agent, mode of spread, prevention and treatment of influenza.	05
