Seat	No.: _	Enrolment No	
		GUJARAT TECHNOLOGICAL UNIVERSITY BPHARM – SEMESTER II • EXAMINATION – WINTER - 2013	
Subject code: 2220004			
•		Name: Human Anatomy Physiology-II	
Time: 02:30 pm - 05:30 pm Instructions:		· ·	
Inst	1. 2.	Attempt any five questions. Make suitable assumptions wherever necessary. Figures to the right indicate full marks.	
Q.1	(a) (b) (c)	Write anatomy and physiology of supra-renal gland.	06 05 05
Q.2	(a) (b) (c)	Enlist thyroid hormones. Write their functions in brief.	06 05 05
Q.3	(a) (b)		06 05
	(c)	Write a note on: Reflex arc.	05

Draw a labeled diagram of eye-ball. Write a note on photoreceptors.

Q.4

Q.5

Q. 6

Q.7

(a)

(b) (c)

(a)

(b)

(c)

(a)

(b)

Write a note on: (i) Blood brain barrier (ii) Cerebro-spinal fluid 05 Draw a labeled diagram of nephron. Explain: Why urinary tract infections are 05 more common in women? Draw a labeled diagram of brain. 06 Write difference between parasympathetic and sympathetic system. 05 Discuss physiology of urine formation. 05 Enumerate various methods of family planning. Discuss surgical methods in 06 detail. Enlist pituitary hormones. Discuss control of hypothalamus over anterior 05 pituitary hormones. Discuss functions of medulla-oblongata and cerebellum. 05 (c) Explain following terms: 16 (i) Asthma (v) EPSP (vi) Diabetes mellitus (ii) Parkinson's disease (iii)Gynecomastia (vii) Glaucoma (iv)Dwarfism (viii) Renal calculi

06
