Seat No.:	Enrolment No.

GUJARAT TECHNOLOGICAL UNIVERSITY

B.Pharm- SEMESTER- I• EXAMINATION - SUMMER-2017

Subject Name: Human Anatomy Physiology			Date: 08/06/2017 Total Marks: 80	
2.	Atte Mak	mpt any five questions. The suitable assumptions wherever necessary. The suitable assumptions wherever necessary.		
Q.1	(a) (b) (c)	Write a short note on epithelial tissue. Draw clean and neat labeled diagram of cell. Differentiate between active transport and passive transpor	t.	06 05 05
Q.2	(a) (b) (c)	Define Homeostasis. Explain negative feedback system example. Give functions of stomach. Write a note on general functions of blood.	by giving suitable	06 05 05
Q.3	(a) (b) (c)	Explain the process of erythropoiesis and role of erythropo Write a short note on mitochondria. Write a note on structure and function of bone.	ietin.	06 05 05
Q.4	(a) (b) (c)	Explain the anatomy of heart with labelled schematic diagram. Draw labeled diagram of digestive system and give functions of saliva. Write a note on various types of joints.		06 05 05
Q.5	(a) (b) (c)	Discuss various phases of gastric secretion. Write a note on blood groups. Explain neuromuscular junction.		06 05 05
Q. 6	(a)	Explain following diseases: (a) Myocardial infarction (b) A (c) Congestive cardiac failure (d) Ventricular fibrillation.	Angina pectoris	06
	(b) (c)	Describe composition and function of lymph. Classify WBCs and write about its functions.		05 05
Q.7	(a) (b) (c)	Explain cardiac cycle. Define immunity. Differentiate between active and passive Give the functions of liver.	immunity.	06 05 05
