GUJARAT TECHNOLOGICAL UNIVERSITY BE - SEMESTER- III EXAMINATION - SUMMER 2015

BE - SEMESTER- III EXAMINATION - SUMMER 2015			
Subject Code: 130301 Da			Date: 11/06/2015
Subject Name: Life Science-1			
			Total Marks: 70
Instructions:			
 Attempt all questions. Make suitable assumptions wherever necessary. 			
		3. Figures to the right indicate full marks.	
0.1	(a)	Explain Structure of Ear with pagagary diagram	07
Q.1	(a) (b)	Explain Structure of Ear with necessary diagram. Describe Conduction system of Heart.	07 07
		Describe Conduction System of Heart.	07
Q.2	(a)	Sketch and Explain Structure of Heart.	07
~· -	(b)	Explain Functions of Blood in detail.	07
		OR	
	(b)	Write a Short Note on Leukocytes.	07
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Q.3	(a) (b)	Define: Superior, Inferior, Anterior, Endocytosis, Total Lung cap Classify Tissue. & explain Epithelial Tissue.	pacity. 07 07
	(0)	Classify Tissue. & explain Epithenal Tissue.	07
		OR	
Q.3	(a)	Define: Medial, Lateral, Posterior, Exocytosis, and Tidal Volume	
	(b)	Classify Tissue & Explain Connective Tissue.	07
Q.4	(a)	Explain Physiology of Respiration.	07
	(b)	Short Note: Arrhythmias	07
OR			
Q.4	(a)	Explain Gas exchange process during respiration.	07
-	(b)	Short Note: Anemia	07
Q.5	(a)	Explain different types of Synovial Joints.	07
	(b)	Draw & explain structure of Neuron.	07
		OR	
Q.5	(a)	What is Osteogenesis? Describe formation of Bone.	07
~	(b)	Explain Physiology of Muscle.	07
