

Programme: **B. Pharm**
Course: **Remedial Biology**
Course Code: **BP106RBT**
Enrolment no. _____

Full Marks: **35**
Time: **2 Hrs.**

Q.No.	Questions	CO	Bloom Taxonomy Category	Marks
Section I				
1. Short Answer type questions. Answer any five.				
a	Explain Binomial nomenclature and elucidate the rules specified for writing binomial nomenclature.	CO1	Understand	5 x 5 = 25
b	Enumerate the various valves found in the heart and elucidate their respective functions.	CO2	Understand	
c	What anatomical adaptations does the respiratory system have to effectively filter and humidify the air we inhale?	CO3	Remember	
d	Elaborate on the stages of urine formation in the nephron, encompassing filtration, reabsorption, and secretion.	CO3	Understand	
e	Explain the role of ammonification in nitrogen cycle	CO4	Understand	
f	Explain the concept of fermentation and list examples of food products that necessitate this process.	CO5	Understand	
g	Define nutrients and elucidate the significance of Phosphorous	CO4	Understand	
Section II				
Long Answer Type questions				
2	Outline the Glycolysis pathway and explain why anaerobic respiration yields less energy compared to aerobic respiration.	CO5	Evaluate	1 x 10 = 10
	or			
	Elaborate Fluid-mosaic-model with help of an illustrative diagram.	CO5	Analyze	

Course Outcomes (CO):

CO1: To understand the characters of living organisms and classification of kingdoms

CO2: To develop basic knowledge on morphology and functions of various plant parts such as root, stem, leaf, flower, fruit and seed.

CO3: To analyze functions of organs in the cardiovascular, digestive and respiratory systems of human body.

CO4: To determine role of hormones in regulation of various organs functioning in the body and process of oogenesis and spermatogenesis.

CO5: To elaborate the physiology, nutrient requirements for plants and to predict plant/animal tissues.