

INTERNAL QUESTION PAPER  
 FOUR -YEAR UNDERGRADUATE PROGRAMME (CU-FYUGP)  
 FIRST SEMESTER B.Sc ZOOLOGY DEGREE  
 ZOO1J101: An Overview of Human Physiology: Life sustaining systems

Time: 1 Hr

Max Marks: 35

Name:	M a r k s c o r e d	Section A		Total Marks
Class:		Section B		
		Section C		

Section A

(Each question carries 3 marks, Max marks for section – 7)

1. Comment on Homeostasis.
2. Define Tidal Volume, Vital capacity and Residual Volume
3. Comment on Cardiac Arrest

Section B

(Each question carries 6 marks, Max marks for section – 18)

4. Comment on Sliding Filament Theory.
5. Explain the biochemical pathway of blood clotting with diagram
6. Briefly explain the conducting system of heart
7. Comment on Muscle Twitch.

Section C

(Answer any one question, Each question carries 10 marks)

8. Describe the physiology and biochemistry of muscle contraction.
9. Write a note on transport of respiratory gases in blood