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**School of Biological and Life sciences**

**Bachelor of Science Honours in Zoology  
Semester End Examination - Jun 2024**

**Duration : 180 Minutes**

**Max Marks : 100**

**Sem II - P1UE201T - Animal Physiology-I***General Instructions*

*Answer to the specific question asked*

*Draw neat, labelled diagrams wherever necessary*

*Approved data hand books are allowed subject to verification by the Invigilator*

- 1) How does blood contribute to the body's immune response? K1 (2)
- 2) How does bile juice aid in digestion? K2 (4)
- 3) What are some common digestive disorders? K2 (6)
- 4) Illustrate the nephron structure and function of the excretory system? K3 (9)
- 5) What are the structural differences between the cortex and medulla of the kidneys, and how do they affect renal function? K3 (9)
- 6) Examine the function of primary components of blood? K5 (10)
- 7) Analyze the role of pancreatic enzymes in digestion? K4 (12)
- 8) What are the different structures of the respiratory tract? K5 (15)
- 9) Describe the process of inhalation and exhalation. K5 (15)
- 10) How does the excretory system regulate electrolyte balance and urine formation? K6 (18)