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School of Biological and Life sciences

Bachelor of Science Honours in Biological Science

Mid Term Examination - Nov 2023

Duration : 90 Minutes

Max Marks : 50

Sem I - P1UA102B - Human Physiology-IGeneral 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) What do you understand the mechanism of secretion of hydrochloric acid in stomach? K2 (2)
- 2) Describe the Positive and negative feed back system of Homeostasis? K1 (3)
- 3) Describe the morphology and function of red blood cells? K2 (4)
- 4) Elucidate the effect of variation of red blood cells in human? K2 (6)
- 5) Enumerate the structure and function of liver. K3 (8)
- 6) Explain the composition, functions and regulation of secretion of pancreatic juice. K3 (9)
- 7) Explain the differences between the WBCS and RBCS. K4 (8)
- 8) Give the definition and normal values of lung volumes and lung capacities K4 (12)

OR

What is hypoxia? Describe the types, causes and effects of hypoxia K4 (12)