

School of Biomedical Science**Bachelor of Science in Medical Biotechnology
Semester End Examination - Jun 2024****Duration : 180 Minutes
Max Marks : 100****Sem II - Q1UG205C- C2UH201B - Medical 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*

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| 1) | Tell what is gall bladder? | K1(2) |
| 2) | Summarize the mechanism of action of Protein hormones. | K2(4) |
| 3) | Construct short notes on 1) Actin 2) Myosin | K2(6) |
| 4) | Mark and write the function and role of saliva in digestion. | K3(9) |
| 5) | Decide and write the names of various nodes and their functions in heart. | K3(9) |
| 6) | Interpret the importance of role of ear in balancing and equilibrium. | K5(10) |
| 7) | Discuss Sliding Filament theory along with the diagram of Sarcomere. Also write the changes that take place in sarcomere during contraction. | K4(12) |
| 8) | Compile and write various components of blood. | K5(15) |
| 9) | Compile and write the digestion in intestine. | K5(15) |
| 10) | Elaborate the role of various Ions in Generation of Resting Potential | K6(18) |