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**School of Biomedical Science**

B.Tech Biotechnology

Mid Term Examination - May 2024

Duration : 90 Minutes

Max Marks : 50

**Sem II - Q1UH101T - Remedial Biology**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) Define Systematics. K2 (2)
- 2) Describe what is binomial nomenclature system. K1 (3)
- 3) Explain how are living organisms classified. K2 (4)
- 4) Discuss the differences between vertebrates and invertebrates. K2 (6)
- 5) Discuss the features upon which classification of Kingdom Animalia is based on along with examples. K3 (6)
- 6) Discuss the classification system of Kingdom Protista. K3 (9)
- 7) Describe the characteristic features of phylum chordata along with their sub-phylums and classes. K4 (8)
- 8) Discuss the classification system of Kindom Plantae. K4 (12)

**OR**

- Elaborate the types of cell signaling that take place in eukaryotes and prokaryotes. K4 (12)