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School of Biomedical Science**Master of Science in Forensic Science
Semester End Examination - Nov 2023****Duration : 180 Minutes
Max Marks : 100****Sem III - MFS27T3103 - Forensic Biology and Anthropology**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) Tell why the Wildlife/Environment Protection Act important for wildlife conservation? K1 (2)
- 2) Explain different stages of the hair growth cycle K2 (4)
- 3) Outline two factors that can influence the development of insects on a body. K2 (6)
- 4) Experiment with your understanding of dental development to differentiate between primary and permanent dentition. K3 (9)
- 5) Make use of your knowledge of forensic anthropology to explain the key differences between human and animal bones K3 (9)
- 6) Interpret the forensic significance of hair evidence in a criminal case, providing specific examples. K5 (10)
- 7) Examine the medical-legal context of personal identification in forensic anthropology? K4 (12)
- 8) Determine the significance of wood analysis in forensic science? Explain how wood evidence can be used to identify the source and origin of illigally souced timber K5 (15)
- 9) Determine the process of diatom extraction , analysis, and interpretation of findings in forensic casework? K5 (15)
- 10) Predict the synergistic impact of combining entomological and odontological evidence to enhance the accuracy of crime scene reconstructions and victim identifications. K6 (18)