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School of Biomedical Science**Master of Science in Forensic Science
Semester End Examination - Jun 2024****Duration : 180 Minutes****Max Marks : 100****Sem II - Q1PR203B - Dermatoglyphics and Other Impressions***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) Recall the Morphogenesis. K1 (2)
- 2) Explain the detection techniques for latent finger impressions. K2 (4)
- 3) Outline the process for lifting the foot impression from the mud surface. K2 (6)
- 4) Construct the process of photography for fingerprint evidence and digital transmission in a case. K3 (9)
- 5) Explain the process of taking control samples for tyre mark. Develop a protocol for the systematic collection and preservation of tyre marks and skid marks at a crime scene. K3 (9)
- 6) Evaluate the effectiveness of different image enhancement techniques used in digital fingerprint analysis. K5 (10)
- 7) Analyze the nature of lip prints and their significance in forensic science. How do lip prints contribute to the identification of individuals? Provide examples to illustrate your points. K4 (12)
- 8) Conclude a case study in which fingerprints played a crucial role to solve the investigation. K5 (15)
- 9) Determine the classification of Fingerprint pattern. Elaborate the characteristics features of it. K5 (15)
- 10) Elaborate the History of Fingerprints. K6 (18)