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School of Biomedical Science
Bachelor of Science Honours in Forensic Science
Mid Term Examination - Mar 2024

Duration : 90 Minutes
Max Marks : 50

Sem VI - Q1UA601T - Recent Advancements in Forensic Science

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) Outline compression techniques. K2 (2)
- 2) What is the significance of pattern recognition and biometrics in forensic science? K1 (3)
- 3) Classify biometric techniques based on physiology. K2 (4)
- 4) Explain the concept of pattern comparison in forensic science. K2 (6)
- 5) Develop areas of utilization of nanotechnology in physical evidence analysis. K3 (6)
- 6) Identify Organizational structure of forensic science laboratories contribute to the efficiency of forensic investigations. K3 (9)
- 7) Infer speech recognition technology aid in forensic analysis. K4 (8)
- 8) Analyse hydrogen embrittlement and outline preventive techniques to avoid this type of failure in materials. K4 (12)

OR

- Distinguish nanoparticles from bulk materials in terms of size and surface area. K4 (12)