

School of Biomedical Science**Master of Science in Forensic Science
Semester End Examination - Jul 2024****Duration : 180 Minutes
Max Marks : 100****Sem I - Q1PQ105B - Forensic Physics**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) | Recall the types of soil. | K1(2) |
| 2) | Explain the types of paint. | K2(4) |
| 3) | Summarize the examination of soil using X-Ray Diffraction. | K2(6) |
| 4) | Develop a protocol for collecting and preserving glass evidence at a crime scene. | K3(9) |
| 5) | What are class characteristics and individual characteristics of tool marks? Why are individual characteristics more valuable in forensic analysis | K3(9) |
| 6) | Give examples of tools that can leave distinctive marks at a crime scene and explain how these marks can be used in investigations | K5(10) |
| 7) | Distinguish the various instrumental techniques used for the examination of soil? | K4(12) |
| 8) | Justify the purpose of forensic investigation in solving the case and how it is helping in the case verdict. | K5(15) |
| 9) | How can microscopy be used to analyze and characterize fibers in forensic science in details. | K5(15) |
| 10) | Elaborate the glass, types of glass, examination of glass & importance of glass in road accident . | K6(18) |