

School of Biomedical Science

Department of Biomedical Science

Mid Term Examination

Exam Date: 29 Sep 2023

Time : 90 Minutes

Marks : 50

Sem III - MFS27T3103 - Forensic Biology and Anthropology

Your answer should be specific to the question asked

Draw neat labeled diagrams wherever necessary

- 1) Outline classification of botanical evidence K2 (2)
- 2) Define the concept of solubility test for fiber examination? K1 (3)
- 3) Explain corroborative evidences? How are they important in forensic investigation K2 (4)
- 4) Summarise how will you determine the area of body from which hair came based on its characteristics K2 (6)
- 5) Identify the Difference between wind pollinated and insect pollinated pollen and their significance in forensic science K3 (6)
- 6) Develop the protocol for determination of the race of person with the help of hairs? K3 (9)
- 7) Discover the significance of fiber as evidence in a criminal investigation and discuss the various characteristics of fiber that can be examined to establish its origin and provide investigative leads. K4 (8)
- 8) Analyze the process of diatom extraction from different type of samples and also give advantages and disadvantages of each method. K4 (12)

OR

Analyse and Compare the forensic aspects of natural and synthetic fibres. Provide examples of how each type of fibre can be identified and compared in a forensic laboratory K4 (12)