DIPLOMA IN FORENSIC SCIENCES

SEMESTER I

DIFS-2: PRINICIPLES OF FORENSIC SCIENCE AND CRIME SCENE INVESTIGATION

Max. Marks: 100
External: 70
Internal: 30
Pass: 40%

Credits: 6

INSTRUCTIONS FOR THE PAPER SETTER/ EXAMINER:

1. The syllabus prescribed should be strictly adhered to.
2. The Question Paper will have 70 Multiple Choice questions (MCQs) and four choices of answers will be there covering the entire syllabus. Each question will carry 1 mark. All questions will be compulsory; hence candidates will attempt all the questions.
3. Paper-setters/Examiners are requested to distribute the questions from section A and Section B of the syllabus equally i.e., 35 questions from section A and 35 questions from Section B.
4. The examiner shall give clear instructions to the candidates to attempt questions.
5. The duration of each paper will be two hours.

INSTRUCTIONS FOR THE STUDENTS

The question paper shall consist of 70 Multiple Choice questions. All questions will be compulsory and each question will carry 1 mark. There will be no negative marking. Students are required to answer using OMR (Optimal Mark Recognition) sheets.

Module I

Forensic science priniciples: Law of Progressive change, Principle of Comparison, Principle of Analysis, Facts Do not Lie and Law of Probability.

Crime scene investigation: Introduction, Defining the Crime Scene, Principle of 7 S's of crime scene investigation, Indoor and outdoor, primary and secondary Crime Scene. Collection of Physical Evidence, Packing and Transportation of Crime Scene, Chain of Custody and Usage of Different Forensic Tools to deal with Evidence at Crime Scene

Module II

Race and Sex Determination: Definition, Features and Characteristics

Anthropometry and Dactylography: Techniques, Definition and Features

Module III

Tattoo Marks and Occupational Marks: Definition, Features and Characteristics

Finger prints & track marks: Types of finger prints, Class and Individual characteristics, Partial finger prints, Latent finger prints, Footprints, Footwear Marks, Tyre Impressions and Skid Marks.

Module IV

Questioned document; Introduction its characteristics, types of forgeries – characteristics and detection, types, comparison and alteration of printed matter.

Personal Articles, Finger Printing and Gait: (Definition, Features and Characteristics)

Suggested Readings:

1. Bharatiya Sakshya Adhiniyam, 2023
2. Criminal Procedure (Identification) Act 2022
3. Ramchandran, Forensic Evidence, Lawmann's, 2023
4. B.S. Nabar, Forensic Science in Crime Investigations, Asia Law House, 3rd ed.