

Five Year Integrated UG/PG Course in Forensic Science
Semester – X, IFSEL- 1004 (e)
Paper –IV

Practical based on - Advanced Forensic Ballistics

Maximum Marks: 100

Allotted credits: 04

1. Chemical tests for powder residues (Walker's test) and Barrel wash
2. Identification of propellants
3. Examination and Comparison of fired Cartridges/cases (Caliber, firing pin, breech face, Extractor / Ejector marks etc.)
4. Determination of shot number from size and weight of shots.
5. Examination and Comparison of fired bullets – Caliber, rifling, characteristics, probable type of firearms
6. Characteristics of Firearms – Caliber, Choke, Trigger pull, Proof marks etc.
7. Determination of range of firing
8. Examination and Comparison of fired bullets – Caliber, rifling, characteristics, type of firearms
9. Restoration of Erased marking on firearm

Five Year Integrated UG/PG Course in Forensic Science
Semester – X, IFSEL-1004(f)
Paper –IV

Practical Based on Questioned Document

Maximum Marks: 100

Allotted credits: 04

1. Examination of ink by TLC
2. Examination of paper
3. Examination of rubber stamp.
4. Examination of typescripts and printed matters
5. Examination of photocopy documents for machine defect marks.
6. Detection and decipherment of alterations, additions and over writing.
7. Detection of forgeries including traced and simulated forgery and built up documents.
8. Decipherment of indented writings, secret writings and charred documents
9. Examination of security documents Currency notes, Stamp Papers and lottery tickets.
10. Examination of erasures-mechanical and chemical erasures.