Paper II

	L.B.: Semester-IX DSE 1 FORENSIC LAW
Teaching Scheme	Examination Scheme
Lectures: 4hrs/Week	Class Test -12 Marks
Tutorials: 1 hr/Week	Teachers Assessment - 6 Marks
Credits: 5	Attendance - 12 Marks
	End Semester Exam - 70 marks

CO Number	CO Statement
CO1	Describe the legal procedure to be adopted in criminal courts.
CO2	Explain the definition of personal identity and various concept of race, sex determination, footprints, scars, deformities etc.
CO3	Discuss the objectives and rules of post-marten examination.
CO4	Analyze the examination of biological stains & hair.
CO5	Sketch the reasons and mode of death.
CO6	Criticize the procedure used for investigation of persons suffering from unsoundness of mind.

## Unit-I: Objective and Introduction

Legal Procedure in Criminal Courts: Criminal Courts & their powers, Examination in Chief, Cross Examination, Re-Examination, Court Questions.

Evidence-(a) Documentary Evidence: Medial Certificates, Medico-Legal Reports, Dying Declaration, Death Certificate. (B) Oral Evidence: Dying Declaration-Deposition of a Medial Witness taken in a Lower Court.

## Unit-II

Personal Identity: Definition, Race, Sex Determination, Anthropometry, Dactylography, Foot Prints, Scars, Deformities, Tattoo Marks, Occupational Marks, Hand Writing, Clothes Personal Articles, Speech & Voices, DNA, Finger Printing Gait.

Post Mortem Examination: Objectives, Rules, External Examination, Internal Examination, Cause

Examination of the Biological Stains & Hairs: Blood, Semen, Saliva Stains, Hairs & Fibers

## **Unit III**

Death and its Medico-Legal Aspect-Definition, Mode of Death, Sudden Death, Sign of Death, Time since Death, Presumption of Death, Presumption of Survivorship Deaths from Asphyxia : Introduction, Hanging, Strangulation, Suffocation, Drowning.

Injuries by Mechanical Violence: Introduction, Business & Contusions, Abrasions, Wounds, Introduction to Fire Arms & ammunitions

UNIT IV

Solutions

Solutions

Medico-Legal aspect of Wounds: Nature of injury, Examination of Injured Persons, Cause of Death from Wounds, Power of Volitional, Acts after receiving a Fatal injury, Difference between wounds inflicted during life & after Difference between Suicidal, Homicidal & Accidental Wounds Insanity in its Medico-Legal Aspect: Introduction, Cause of Mental ill Health, Indication of Mental Health, Classification of Mental Diseases, Feigned Mental ill health, Criminal Responsibility Torture & Medicine: Introduction & Definition, Reasons for Torture, Types of Torture, Medico-Legal Aspects of Torture, Post Mortem Detection of Torture.

Toxicology: Law relating to Poisons, Action of Poisons, Asphyxiates (Irrespirable Cases), Carbon di-Oxide, Carbon mono-Oxide, War Gases.

Medico-Legal Aspect of Sterilization, Impotence, Sterility & Artificial Insemination, surrogate Births, Semen Banking, Virginity, Pregnancy and Delivery, Sexual Offences & Unnatural Sexual Offence, AIDS

## Unit V

Introduction: Origin & Development of Forensic Medicines, Post Mortem, Artifacts, Death from Starvation, Traffic Injuries

Legitimacy & Legal Aspect of Marriage, Infanticide, Abortion & Medical Termination of Pregnancy

Law & Medicines, Medical Ethics, Medical Council Act, Professional Negligence, Transplantation of Human Organs, Human Experimentation

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