

# **FORENSIC MEDICINE**

## Content Of Dr. Murali Bharadwaz's E-Learning Material

<b>Forensic Medicine Mock Tests</b>			
<b>Topic</b>	<b>Lecture</b>	<b>Duration</b>	<b>Size (MB)</b>
<b>AIIMS Forensic Medicine</b>	Lec-01	0:41:02	140
	Lec-02	0:38:00	129
	Lec-03	0:39:25	135
	Lec-04	0:17:52	61.5
<b>Forensic Medicine Test 505</b>	Lec-01	0:39:51	136
	Lec-02	0:42:51	146

<b>Forensic Medicine Notes</b>	
<b>Forensic Medicine Notes</b>	<b>No. of Pages = 52</b>

Subject Name	Lecture Number	Lecture Content	Lecture Duration	File Size
<b>FORENSIC MEDICINE</b>	<b>Lec 01</b>	<ul style="list-style-type: none"> <li>◆ Medical Jurisprudence</li> <li>◆ Medical Ethics</li> <li>◆ Indian Penal Code, 1860(I.P.C.)</li> <li>◆ Police Inquest</li> <li>◆ Magistrate's Inquest</li> <li>◆ Coroner's Inquest</li> <li>◆ Cognisable Offence</li> <li>◆ Subpoena or Summons</li> <li>◆ Powers of Mgistrates</li> <li>◆ Conduct Money</li> <li>◆ Documentary Evidence</li> <li>◆ Dying Declaration</li> <li>◆ Dying Deposition</li> <li>◆ Oral Evidence</li> <li>◆ Exceptions to Oral Evidence</li> <li>◆ Expections to Oral Evidence</li> <li>◆ Hospital records</li> <li>◆ perjufy</li> <li>◆ Cross-Examination</li> <li>◆ Re-Examination(re-direct Examination)</li> <li>◆ Dichotomy or Fee Splitting</li> <li>◆ Doctors and Advertising</li> <li>◆ warning Notice</li> <li>◆ Duties of Medical Practitioner</li> <li>◆ Professional Secrecy</li> <li>◆ Privileged Communications</li> </ul>	0:39:28	135
	<b>Lec 02</b>	<ul style="list-style-type: none"> <li>◆ Types of Physician-Patient Relationship</li> <li>◆ Therapeutic Relationship</li> <li>◆ Professional Negligence (Malpracitce)</li> <li>◆ Instances of Medical Negligence</li> <li>◆ "Calculated Risk" Cases</li> <li>◆ Doctrine of Common knowledge</li> <li>◆ Novus Actus Interveniens</li> <li>◆ Criminal Negligence</li> <li>◆ Corporate Neglience</li> <li>◆ Ethical Neglience</li> <li>◆ Difference between civil and criminal negligence</li> <li>◆ Difference between professional negligence and infamous conduct</li> <li>◆ Defences Against Negligence</li> <li>◆ Contributory Neglience</li> <li>◆ Therapeutic Misadventure</li> <li>◆ Vicarious Liability</li> <li>◆ "Borrowed Servant" Doctrine</li> <li>◆ Medical Indemnity Insurance</li> <li>◆ Euthanasia(mercy killing)</li> <li>◆ Paternalism</li> <li>◆ Loco Parentis</li> <li>◆ Consumer Protection Act, 1986</li> <li>◆ The transplanation of Human Organs Act, 1994</li> <li>◆ The Prenatal Diagnostic Techniques(P.D.T) ACT 1994</li> </ul>	0:24:43	84.9

Subject Name	Lecture Number	Lecture Content	Lecture Duration	File Size
<b>FORENSIC MEDICINE</b>	<b>Lec 03</b>	<ul style="list-style-type: none"> <li>♦ Sex Determination in putrefied Body</li> <li>♦ Male vs female at Autopsy</li> <li>♦ Traits diagnostic of sex</li> <li>♦ Temporary Teeth</li> <li>♦ Permanent teeth</li> <li>♦ Gustafson's Method</li> <li>♦ Attrition</li> <li>♦ Growth in Individual Bones</li> <li>♦ Criminal Responsibility</li> <li>♦ Juvenile punishment</li> <li>♦ Marriage Contract</li> <li>♦ Rule of Haase</li> <li>♦ Fingerprints</li> <li>♦ Classification, Poroscopy</li> <li>♦ Fingerprints in Decomposed Bodies</li> <li>♦ Mutilation of Fingerprints</li> <li>♦ Superimposition</li> <li>♦ Difference between human and animal hair</li> <li>♦ Subendocardial Haemorrhage</li> </ul>	0:14:39	50.5
	<b>03 Part2</b>	<ul style="list-style-type: none"> <li>♦ Post-mortem Clots</li> <li>♦ Fixation of Organs</li> <li>♦ fixation of Organs</li> <li>♦ Recitified Spirit</li> <li>♦ Examination of Bones</li> <li>♦ Stature</li> <li>♦ Exhumation</li> <li>♦ Authorization</li> <li>♦ Asphyxia</li> <li>♦ Anaemic Anoxia</li> <li>♦ Histotoxic Anoxia</li> </ul>		
	<b>Lec 04</b>	<ul style="list-style-type: none"> <li>♦ Asphyxial Stigmata</li> <li>♦ post Mortem changes</li> <li>♦ Suspended Animation(apparent death)</li> <li>♦ Cooling of theBody</li> <li>♦ Factors affecting Rate of Colling</li> <li>♦ Post-mortem Caloricity</li> <li>♦ Post-Mortem Hypostasis</li> <li>♦ Changes in post-mortem</li> <li>♦ REGOR MORTIS</li> <li>♦ The Order of appearance of Rigor</li> <li>♦ Time of Onset</li> <li>♦ Duration of Rigor Mortis</li> <li>♦ conditions Altering the Onset and Duration</li> <li>♦ Medico-legal Importance</li> <li>♦ Conditions simulating rigor mortis</li> <li>♦ Difference between rigor mortis and cadaveric spasm</li> <li>♦ Secondary Relaxaation</li> <li>♦ Putrefaction, colour Changes</li> <li>♦ Development of Foul-smelling Gases</li> <li>♦ Adipocere(Saponification)</li> <li>♦ Mummification,Estimation of Post-Mortem Interval, Entomology of the Cadaver</li> </ul>	0:43:54	150

Subject Name	Lecture Number	Lecture Content	Lecture Duration	File Size
<b>FORENSIC MEDICINE</b>	<b>Lec 05</b>	<ul style="list-style-type: none"> <li>♦ MECHANICAL IMJURIES</li> <li>♦ Grazes</li> <li>♦ Pressure Abrasions(Crushing or friction abrasions)</li> <li>♦ Age of Abrasions</li> <li>♦ Difference between ante-mortem and post-mortem abrasions</li> <li>♦ Contusions(Bruises)</li> <li>♦ Incised-like or Incised-looking Wounds</li> <li>♦ Circumstances of Injuries</li> <li>♦ The Abrasion Collar(marginal abrasion)</li> <li>♦ Difference between suicidal and homicidal cut-throat</li> <li>♦ Atypical Entrance Wounds</li> <li>♦ Ricochet Bullet</li> <li>♦ Regional Injuries</li> <li>♦ Depressed Fractures</li> <li>♦ Pond or Indented Fractures</li> <li>♦ Gutter Fractures</li> </ul>	0:28:30	97.7
Difference between ante-mortem and post-mortem wound	<b>Lec 06</b>  <b>06 Part2</b>	<ul style="list-style-type: none"> <li>♦ Facutre Base of Skull</li> <li>♦ Contrecoup Lesions</li> <li>♦ Concussion of the Brain</li> <li>♦ Intracranial Haemorrhage</li> <li>♦ Extradural Haemorrhage</li> <li>♦ Sub Dural Haemorrhage</li> <li>♦ Sub Arachnoid Haemorrhage</li> <li>♦ Intra Cerebral Haemorrhage</li> <li>♦ SPINAL CORD</li> <li>♦ Rabbit punch</li> <li>♦ Concussion of the Spinal Cord</li> <li>♦ Traffic Accidents</li> <li>♦ Boxing Injuries</li> <li>♦ MEDICO-LEGAL ASPECTS OF WOUNDS</li> <li>♦ Dowry deaths(S 304-B I.P.C.) How do you define</li> <li>♦ Suicide</li> <li>♦ Grievous Injury</li> <li>♦ Fat Embolism</li> <li>♦ Air Embolism</li> <li>♦ THERMAL DEATHS</li> <li>♦ Local Effects</li> <li>♦ Heat Hyperpyrezia or Heat Stroke</li> <li>♦ Burns Epidermal</li> </ul>	0:27:50	96.1
	<b>Lec 07</b>	<ul style="list-style-type: none"> <li>♦ Pugilistic attitude(boding,fencing of defence attitude)</li> <li>♦ Ante-mortem and post-mortem Burns</li> <li>♦ Difference between ante-mortem and post-mortem burns, Burking,Drowing types</li> <li>♦ Electrical injuries,The electric mark</li> <li>♦ Flash or Spark Burns,Lightening Stroke</li> <li>♦ Lynching,Bansdola,Garroting</li> <li>♦ Difference between hanging and strangulation</li> <li>♦ Strangulation,Mugging,Smothering</li> <li>♦ Gagging,Overlying, Café Coronary</li> </ul>	0:39:30	130

Subject Name	Lecture Number	Lecture Content	Lecture Duration	File Size
<b>FORENSIC MEDICINE</b>	<b>Lec 08</b>	<ul style="list-style-type: none"> <li>◆ Alterations in Blood(Gettler test)</li> <li>◆ Artificial Insemination(A.I)</li> <li>◆ Virginity, Pregnancy &amp; Delivery</li> <li>◆ Superfecundation</li> <li>◆ Superfoetation</li> <li>◆ Sexual offences,Rape</li> <li>◆ Examination of the Victim</li> <li>◆ Corroborative Signs of Rape</li> <li>◆ Identity of the Accused</li> <li>◆ Sodomy</li> <li>◆ Buccal coitus</li> <li>◆ Tribadism</li> <li>◆ Bestiality</li> <li>◆ Uranism, Sadism</li> <li>◆ Necrophagia</li> <li>◆ Masochism, Fetishism</li> <li>◆ Transvestism or Eonism</li> <li>◆ Exhibitionism</li> <li>◆ Voyeurism or Scoptophilia</li> <li>◆ Frotteurism</li> <li>◆ Undinism</li> <li>◆ pyromania</li> <li>◆ Indecent Assault</li> <li>◆ Florebce Test</li> <li>◆ Barberio's Test</li> <li>◆ Proof of Semen</li> <li>◆ Abortion</li> </ul>	0:32:18	110
	<b>Lec 09</b>	<ul style="list-style-type: none"> <li>◆ INFANT DEATHS</li> <li>◆ Still Birth</li> <li>◆ Rigor Mortis at delivery, Maceration</li> <li>◆ Spalding's Sign</li> <li>◆ Mummification</li> <li>◆ Viability of the Infant</li> <li>◆ Static Test of Fodere's Test</li> <li>◆ Ploucquet's Test</li> <li>◆ The Hydrostatic Test</li> <li>◆ The expanded lungs may sink from</li> <li>◆ The unexpanded lungs may float from</li> <li>◆ Hydrostatic test is not necessary when</li> <li>◆ Live birth is probable when</li> <li>◆ stillbirth is probable in the presence of</li> <li>◆ Changes in the Middle Ear(Wredin's Test)</li> <li>◆ Meconium</li> <li>◆ Caput Succedaneum</li> <li>◆ Cephalhaematoma</li> <li>◆ Battered Baby Syndrom or Non-Accidental Injury of</li> <li>◆ Munchausen's Syndrome</li> <li>◆ Sudden Infant Death Syndrome(SID)</li> <li>◆ BLOOD STAINS</li> <li>◆ The Benzidine Test</li> <li>◆ Haemin Crystal Test(Teichmann's Test)</li> <li>◆ Haemochromogen Crystal Test(Takayama)</li> </ul>	0:47:14	161

Subject Name	Lecture Number	Lecture Content	Lecture Duration	File Size
<b>FORENSIC MEDICINE</b>		<ul style="list-style-type: none"> <li>◆ Spectroscopic Examination</li> <li>◆ Precipitin Test</li> <li>◆ Exclusion of paternity</li> <li>◆ ABO Blood groups</li> <li>◆ The ABO System</li> <li>◆ The MNSs System</li> <li>◆ The Rh system</li> <li>◆ Group Specific Substances</li> <li>◆ FORENSIC PSYCHIATRY</li> <li>◆ Affective Disorder</li> <li>◆ Delirium</li> <li>◆ Delusion</li> <li>◆ Persecution</li> <li>◆ Reference</li> <li>◆ Nihilistic</li> <li>◆ Fugue</li> <li>◆ Hallucination</li> <li>◆ Illusion</li> <li>◆ Impulse</li> <li>◆ Kleptomania</li> <li>◆ Pyromania</li> <li>◆ Mutilomania</li> <li>◆ Dipsomania</li> <li>◆ Obsession</li> <li>◆ Lucid interval</li> <li>◆ Onetroid states(Oneirophrenia)</li> <li>◆ Psychosis</li> <li>◆ Neurosis</li> <li>◆ Difference between lucid interval in insanity and head injury</li> <li>◆ Difference between real insanity and feigned insanity</li> <li>◆ Insanity and Testamentary Capacity</li> <li>◆ Criminal Responsibility</li> <li>◆ Mc Naughten Rule</li> <li>◆ Durham Rule (1954)</li> <li>◆ Curren's Rule(1961)</li> <li>◆ The Irresistibel Impulse Test(New Hampshire Doctrine)</li> <li>◆ INSANITY AND MURDER</li> <li>◆ Automatism</li> <li>◆ Somnambulism</li> </ul>		

Subject Name	Lecture Number	Lecture Content	Lecture Duration	File Size
<b>FORENSIC MEDICINE</b>	<b>Lec 10</b>	<ul style="list-style-type: none"> <li>♦ Delirium</li> <li>♦ Drunkenness</li> <li>♦ Locard's Exchange Principle</li> <li>♦ Lie Detection</li> <li>♦ Lie Detection</li> <li>♦ TOXICOLOGY</li> <li>♦ Ideal Homicidal Poison, Ideal Suicidal Poison</li> <li>♦ Arrow Poisons</li> <li>♦ Action of Poisons</li> <li>♦ Colour of post-mortem staining</li> <li>♦ Mechanical or Physical Antidotes</li> <li>♦ Chemical Antidotes</li> <li>♦ Universal Antidote</li> <li>♦ Physiological or pharmacological Antidotes</li> <li>♦ B.A.L.(British Anti-Lewisite Dimercaprol;2,3, mercaptopropanol)</li> <li>♦ E.D.T.A (EthyleneDiamine tetra-Acetic acid;Calcium disodium versenate Edathamil; Edetic acid)</li> <li>♦ Penicillamine(cuprimine)</li> <li>♦ Elimination of Poison by Excretion</li> <li>♦ Renal Excretion</li> <li>♦ Peritoneal Dialysis</li> <li>♦ Haemodialysis</li> <li>♦ Agricultural Poisons</li> <li>♦ Organophosphorus Poisons</li> <li>♦ Aryl phosphates</li> </ul>	0:22:00	75.8
	<b>Lec 11</b>	<ul style="list-style-type: none"> <li>♦ Muscarinic Manifestations</li> <li>♦ Nicotinic Manifestations</li> <li>♦ Organochlorines</li> <li>♦ Zinc phosphide</li> <li>♦ Sulphuric Acid(Oil of vitriol)</li> <li>♦ Nitric Acid(HNO<sub>3</sub>)</li> <li>♦ Oxalic Acid</li> <li>♦ Carboic acid(Phenol)</li> <li>♦ Metallic Poisons</li> <li>♦ Arsenic</li> <li>♦ Difference between arsenic poisoning and cholera</li> <li>♦ Chronic poisoning</li> <li>♦ Mercury</li> <li>♦ Lead</li> <li>♦ Chronic Poisoning(Plumbism)</li> <li>♦ Inorganic Irritant Poisons</li> <li>♦ Abrus Precatorius</li> <li>♦ Somecarpus anacardium</li> <li>♦ Calotropis</li> <li>♦ Snake Venom</li> <li>♦ Cobra, Krait</li> <li>♦ Russell's Viper and Echis Carinate</li> <li>♦ Sea Snakes</li> <li>♦ Bees and Wasps,Alcohol</li> <li>♦ CNS DEPRESSANTS</li> </ul>	0:39:09	134



Subject Name	Lecture Number	Lecture Content	Lecture Duration	File Size
<b>FORENSIC MEDICINE</b>	<b>Lec 12</b>	<ul style="list-style-type: none"> <li>♦ Methyl Alcohol</li> <li>♦ Opium</li> <li>♦ Barbiturate poisoning</li> <li>♦ Chloral Hydrate</li> <li>♦ Anti-Psychotic Agents(Tranquillisers)</li> <li>♦ Benzodiazepines</li> <li>♦ Paracetamol(Acetaminophen)</li> <li>♦ Delirient Poisons</li> </ul>	0:18:50	64.7
	<b>Lec 13</b>	<ul style="list-style-type: none"> <li>♦ Cocaine</li> <li>♦ Drug Abuse(Substance abuse)</li> <li>♦ Psychological dependence</li> <li>♦ Difference between drug addiction and drug habituation</li> <li>♦ Symptoms of Drug Dependency</li> <li>♦ Heroin (Brown Sugar)</li> <li>♦ Psychedelics</li> <li>♦ LSD(Lysergic Acid Diethylamide)</li> <li>♦ Flashback Phenomenon</li> <li>♦ The Cocaine Type</li> <li>♦ The Cannabis Type</li> <li>♦ The Amphetamine Type</li> <li>♦ Body packer and Body</li> <li>♦ Spinal Poisons</li> <li>♦ Strychnos Nux vomica</li> <li>♦ Difference between strychnine poisoning and tetanus</li> <li>♦ Cardiac Poisons</li> <li>♦ Quinine</li> <li>♦ Aconite</li> <li>♦ Hydrocyanic Acid</li> <li>♦ Judicial Execution</li> <li>♦ ASPHYXIANTS</li> <li>♦ Carbon Monoxide</li> <li>♦ Symptoms of CO poisoning</li> <li>♦ Carbon Dioxide</li> <li>♦ Hydrogen Sulphide</li> <li>♦ Methy Isocyanate(MIC)</li> <li>♦ War Gases</li> <li>♦ Lathyrus Sativus(Kesari dhal)</li> </ul>	0:30:27	104