

**RAJASTHAN PUBLIC SERVICE COMMISSION, AJMER**  
**SYLLABUS OF SCREENING TEST FOR THE POST OF**  
**SENIOR DEMONSTRATOR – FORENSIC MEDICINE**  
**MEDICAL EDUCATION DEPARTMENT**

1. Law in relation to medical man.
2. Legal procedure. Inquest, different types of court, Powers of different Courts, Medico Legal reports, Dying declaration, Dying deposition, Medical witness and his examination in Courts. Professional secrets, Privileged Communication, Professional Negligence, Contributory negligency.
3. Medico Legal autopsy of a dead body, a decomposed and mutilated body, or its fragments, skeleton and bones, Exhumation of a dead body and rules regarding it, Aims and objects of Medico Legal autopsy.
4. Identification of the living and dead, determination of race, sex, age and their Medico Legal aspects, Dactylograph, Anthropometry, features, Deformities, Scars, Tattoo marks, Occupation marks, Skeleton remains & inter sex.
5. Examination of blood stains, seminal stains, hairs and fibers.
6. Death and postmortem change, Modes of death, Manner of death, causes of sudden death, signs of death, time of death, Presumption of death, Moment of death & Brain death.
7. Violent Asphyxial death, Hanging, Strangulation, Throttling, Suffocation, Drowning including dry drowning, Traumatic Asphyxia, Cafe coronary.
8. Effects of Cold, Heat, Electric current, Radiation & Lightning, Starvation death. Burns.
9. Mechanical injuries and their medico Legal aspects in relation to accident, suicide and homicide. Distinction between injuries caused during life and after death. Medicolegal examination on an injured persons. Regional inquires. Histochemical methods of determination of the age of an injury.
10. Impotence and sterility, Artificial Insemination.
11. Virginitly, signs of pregnancy and delivery and their Medicolegal importance.
12. Sexual offences, Rape including the recent changes in the law of rape, Unnatural offences and various sexual perversions.
13. Abortion including criminal abortion and law in relation to criminal abortion, duty of Physician when called on to treat a case of criminal miscarriage. Medical Termination of Pregnancy Act, 1971.
14. Infanticide.
15. Forensic Psychiatry, medicolegal aspects of insanity as regards civil and criminal responsibility and rules regarding the admission and treatment of insane person into Psychiatric Hospitals according to Mental Health Act of India. Difference between true and feigned insanity.

16. (a) Forensic Toxicology, General considerations, regarding the sale of poisons with reference to various Acts and Statues in India and the dangerous Drugs Act, classification of poisons, Action of poisons and its modification, Diagnosis, Treatment postmortem appearance and analysis poisons, Rules regarding the preservation and transmission of viscera and other suspected articles for chemical analysis in cases of suspected poisoning, duty of the physicians in cases of suspected poisoning the preservation and transmission of viscer and other suspected articles for chemical analysis in cases of suspected poisoning, duty of the physician in cases of suspected poisoning.

(b) Specific study of the poisons commonly seen in India as regards their signs, symptoms, treatment, postmortem appearance and medico legal importance including following:-

- i) Corrosive poisons
- ii) Non-Metallic poisons
- iii) Insecticides and weed-killers
- iv) Metallic poisons
- v) Organic Irritant poisons
- vi) Somniferous Poisons
- vii) Inebriant poisons
- viii) Deliriant poisons
- ix) Drug addiction, Drug dependence & management of Drug addict.
- x) Food poisons
- xi) Spinal poisons
- xii) Cardiac poisons
- xiii) Asphyxiates
- xiv) Hydro cynic Acid.

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Note :- Pattern of Question Paper

1. Objective type paper
2. Maximum Marks :100
3. Number of Questions :100
4. Duration of Paper : Two Hours
5. All questions carry equal marks.
6. There will be Negative marking.

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