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The West Bengal University of Health Sciences
M.D. (Forensic Medicine & Toxicology) Supplementary
Examination, 2016

Paper : IV

Full Marks : 100
Time : 3 Hours

Attempt all questions (10 marks for each question)

- ✓ 1. Discuss medicolegal aspect of indecent assault.
- ✓ 2. Discuss role of forensic radiology and its application in medicolegal investigation.
- ✓ 3. Discuss the medicolegal aspect of examination of blood stain.
- ✓ 4. Discuss newer methods for detection of poison in analytical toxicology.
- ✓ 5. Role of microscope in forensic medicine – discuss.
- ✓ 6. Discuss the chemical used for substance abused, detection and criminal responsibilities.
- ✓ 7. Discuss the role and application of scanning electron microscope in forensic medicines.
- ✓ 8. Use of HLA system with its clinicolegal implication to organ transplantation.
- ✓ 9. Consent in medical practice – discuss.
- ✓ 10. Write in brief about date rape drugs and designer drugs.

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Paper - III

Full Marks - 100
Time - 3 Hours

Attempt all questions (10 marks for each question)

- ✓ 1. Write the legal issues related to the commission of crime under influence of alcohol.
- ✓ 2. Discuss the recent amendment of section 375 IPC.
- ✓ 3. Write the principle of Diatom test with a note on fallacies.
- ✓ 4. Write in short the forensic investigation of anaphylactic death.
- ✓ 5. Write in short, an essay on medicolegal autopsy.
- ✓ 6. Describe briefly the guideline as suggested by NHRC during conduction of PM examination in a case of custodial death.
- ✓ 7. Name the various toxic mushroom and write in short the features of such Poisoning.
- ✓ 8. Discuss the role of enzyme reactivator in poison.
- ✓ 9. Write the method of collection and preservation of exhibits for DNA analysis.
- ✓ 10. Write a short essay on "Geneva Declaration" 1948.

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Paper : II

Full Marks : 100
Time : 3 Hours

Attempt all questions (10 marks for each question)

- ✓ 1. What are the four components of medicine negligence? What is 'egg shell skull rule' in relation to medical negligence?
- ✓ 2. Describe the different intracranial haemorrhage from medicolegal and prognostic point of view.
- ✓ 3. Write about investigation of sudden unnatural death of infants.
- ✓ 4. Write about drug induced psychosis and its criminal responsibility.
- ✓ 5. Write in short the role of forensic pathologist in Mass disaster.
- ✓ 6. Out line with diagram of a modern medicolegal mortuary.
- ✓ 7. Define and classify post mortem artifacts. What could be the artifacts induced by autopsy surgeons
- ✓ 8. Write about surrogate motherhood's medico legal problems associated with the procedure.
- ✓ 9. Write in short medical treatment in terminally ill patients and its bearing with euthanasia.
- ✓ 10. Write in short interpretation of finger nail abrasion. Write various types of nails scratch of medicolegal importance.

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Paper - I

Full Marks : 100
Time : 3 Hours

Attempt all questions (10 marks for each question)

- Q. 1. What do you mean by entomology of cadaver and how it help in determination of time passed since death.
2. Write the changes which are observed in the eyes after death. Explain why the P. M. Cooling is not single exponential curve in nature.
3. Describe the histology of human testes and its role in sterility.
4. Write short note on Precipitin test.
5. Write short note on symphysis pubis in determination of age from skeletal remains.
6. Describe the role of immunology in forensic medicine.
7. Write down the formation, circulation and absorption of C.S.F and its medicolegal importance.
8. How will you differentiate antemortem and post mortem wound by histological, histochemical and biochemical methods.
9. Describe the physiology of penile erection and its medicolegal importance.
10. Write investigation procedure in case of "Death on table".