

OCT - 2014

**BLDE UNIVERSITY**  
**POST GRADUATE DEGREE EXAMINATION**

[Time : 3 Hours]

[Max.Marks : 100]

**MD FORENSIC MEDICINE- PAPER -I**

**QP CODE : 5025**

Your answer should be specific to the questions asked.

Draw neat labeled diagrams wherever necessary.

Each answer should be written on new page only.

**LONG ESSAY**

**(2x20=40 Marks)**

1. Discuss in detail the role of microbiological investigations in establishing cause of death during autopsy. Describe the method of collection and preservation of materials required for microbiological examination during post-mortem.
2. Outline the anatomy of Teeth and importance of dental examination in determination of age, identification and criminal investigation.

**SHORT ESSAY**

**(6x10=60 Marks)**

3. Brain fingerprinting.
4. Physiology of shock.
5. Coagulability of blood after death.
6. Drug dependence.
7. Embalming.
8. Healing and age of wound.

OCT-2014  
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Time : 3 Hours]

[Max.Marks : 100]

**MD FORENSIC MEDICINE- PAPER -II**

**QP CODE : 5026**

Your answer should be specific to the questions asked.

Draw neat labeled diagrams wherever necessary.

Each answer should be written on new page only.

**LONG ESSAY**

**(2x20=40 Marks)**

1. Discuss about negative autopsy and its causes.
2. Describe the eruption of teeth in the age of mixed dentition.

**SHORT ESSAY**

**(6x10=60 Marks)**

3. What are the post-mortem changes in the eyes and its medico legal importance.
4. Pubic symphysis in relation to age changes.
5. Discuss the transfusion hazards and autopsy findings.
6. Discuss about temperature regulation in human body and what are the post-mortem findings in death due to heat stroke.
7. Discuss the importance of semen in sexual offences.
8. Write about recent advances in the identity of highly decomposed body.

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MD FORENSIC MEDICINE- PAPER -III

QP CODE : 5027

Your answer should be specific to the questions asked.

Draw neat labeled diagrams wherever necessary.

Each answer should be written on new page only.

LONG ESSAY

(2x20=40 Marks)

1. Describe in detail the various laws and acts in relation to Forensic psychiatry
2. Describe the signs and symptoms, post-mortem findings and treatment of acute and chronic arsenic poisoning.

SHORT ESSAY

(6x10=60 Marks)

3. Chromatography.
4. Laws in relation to poison in India.
5. Psychopath.
6. Body packing.
7. Civil responsibility of an insane person.
8. Mechanism, action and treatment of organophosphorous poisons.

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Time : 3 Hours]

[Max.Marks : 100]

**MD FORENSIC MEDICINE— PAPER -IV**

**QP CODE : 5028**

Your answer should be specific to the questions asked.

Draw neat labeled diagrams wherever necessary.

Each answer should be written on new page only.

**LONG ESSAY**

**(2x20=40 Marks)**

1. Discuss the role of Dying Declaration in the present day context.
2. Discuss violence at home.

**SHORT ESSAY**

**(6x10=60 Marks)**

3. Frye's Rule.
4. Cyber Crimes.
5. Voice and Speech identification.
6. Ethical and Legal issues of narcoanalysis.
7. Brain Fingerprinting.
8. Plastination and its role in Forensic medicine.