

**Q.P.CODE:156-NR**

*Dr. NTR University of Health Sciences::Vijayawada-520 008*  
M.D. DEGREE EXAMINATION – MAY, 2017

**FORENSIC MEDICINE**

Paper-I : Applied Osteology, Physiology, Anthropology, Forensic Radiology and Medicine in relation to Forensic Medicine.

Time: 3 Hours

Max. Marks:100

Note: Answer all questions

All questions carry equal marks

Draw neat diagrams wherever necessary

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WRITE SHORT ESSAYS ON THE FOLLOWING:

- 1) Discuss the Morbid anatomy of intracranial Hemorrhages. Tabulate the differences between pathological and traumatic Hemorrhages.
- 2) Define Forensic Anthropology. Describe briefly the role of examination of bones in Forensic Science.
- 3) Define the term thrombosis. Discuss the pathogenesis of thrombosis. How do you distinguish a thrombus from post mortem clot?
- 4) Radiology in various fields of Forensic Medicine
- 5) The current medico-legal issues of trans-sexuality
- 6) What are the criteria and steps considered in setting up of forensic science laboratory? Give brief notes on chromatography, spectroscopy and neutron activation analysis tests.
- 7) Medico legal aspect of immuno-histochemical findings after heat injury
- 8) Cite the legal loopholes in Indian penal codes and criminal procedure codes related to medical practice
- 9) Medical errors and their legal implications
- 10) Discuss briefly the ethical and legal issues in Cloning.

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