

Q.P.CODE:157-NR*Dr. NTR University of Health Sciences:: Vijayawada-520 008***M.D. DEGREE EXAMINATION – MAY, 2017****FORENSIC MEDICINE****Paper-II : Pathology and Microbiology****Time: 3 Hours****Max. Marks:100****Note: Answer all questions****All questions carry equal marks****Draw neat diagrams wherever necessary**

WRITE SHORT ESSAYS ON THE FOLLOWING:

- 1) Describe the procedure and safeguards that should be employed when performing an exhumation
- 2) Discuss the causes of fat embolism and its diagnosis at post mortem examination
- 3) Discuss the commonly acquired infections in a Medico-Legal Mortuary and how these infections can be prevented.
- 4) Discuss the mechanisms of death in ligature compression of the neck structures.
- 5) Discuss complications and possible mechanisms of death in a case of extensive and widespread blunt force trauma to the body
- 6) Discuss the alternatives to undertake a traditional invasive autopsy for the purpose of establishing a cause of death
- 7) Describe virtopsy and its uses. Mention the differences between virtopsy and autopsy
- 8) Pathophysiological mechanism, symptoms and histologic findings in freshwater drowning, saltwater drowning and "near drowning"
- 9) Postmortem analysis of vitreous fluid
- 10) Postmortem findings in multiple organ dysfunction syndrome (MODS)
