

**MANIPAL UNIVERSITY****SECOND MBBS DEGREE EXAMINATION – MAY 2017****SUBJECT: FORENSIC MEDICINE (ESSAY)**

Thursday, May 11, 2017

Time: 10:20 – 13:00 Hrs.

Maximum Marks: 80

✍ **Answer ALL the questions.**

1. Enumerate the changes occurring in a body after death. Describe the mechanism, onset and progression of rigor mortis. Mention the conditions which simulate rigor mortis.  
(3+5+2 = 10 marks)
2. Dr Mahesh is a General Surgeon by profession and he has his clinic attached to a Radiologist, Dr Raj. A patient named Mr. Ram visits him with complaints of abdominal pain and difficulty to pass stools. Dr Mahesh examined the patient and informed him that he was suffering probably from a neurological ailment and he needs complete evaluation. He suggests that he needs a CT scan for evaluation and based on the findings he can clinch the diagnosis. He suggests Dr Raj as being an excellent radiologist. Dr Raj does the investigation as per Dr Mahesh's suggestion and gives a report. Dr Raj gives the report and a share of money inside a cover to Mr. Ram to hand over it to Dr Mahesh.
  - 2A. Define the condition under which the above act falls.
  - 2B. In accordance to the above scenario, list out other conditions which amounts to the above act? What regulation is this act governed?
  - 2C. Mention the remedial measures and discuss whether the above act is punishable?  
(1+4+5 = 10 marks)
3. **Write briefly:**
  - 3A. Police inquest
  - 3B. Dactylography
  - 3C. Artificial insemination
  - 3D. Maceration
  - 3E. Phantom pregnancy
  - 3F. Dissection of heart at autopsy
  - 3G. Antemortem hanging
  - 3H. Subdural haemorrhage
  - 3I. Fabricated wounds
  - 3J. Causes of death in burns
  - 3K. Hallucination
  - 3L. Antidote
  - 3M. Autopsy features in drowning
  - 3N. Features of carbolic acid poisoning
  - 3O. Saturnism

(4 marks × 15 = 60 marks)

