

MANIPAL ACADEMY OF HIGHER EDUCATION

SECOND MBBS DEGREE EXAMINATION – JUNE 2021

SUBJECT: FORENSIC MEDICINE (ESSAY)

Thursday, June 10, 2021

Time: 10:20 – 13:00 Hrs.

Maximum Marks: 80

✍ Answer ALL the questions.

✍ Essays

1. Classify Mechanical Asphyxia. Explain the pathophysiology and postmortem findings of fresh water drowning. Add a note on diatom test.

(2+3+2+3 = 10 marks)

2. A 14 year old girl didn't respond to her mother, after an hour of going to bathe. After repeatedly calling, her parents broke the door, only to find her unconscious on the floor of bathroom. They took her to a nearby hospital where she was declared brought dead. At autopsy the forensic pathologist noted cherry red colored postmortem lividity.

2A. What is the cause of death in this case? Justify.

2B. Describe the mechanism of action leading to death.

2C. What are the clinical features in such cases?

2D. Mention the differential diagnoses

2E. Briefly describe the investigation and treatment guidelines.

(10 marks)

3. Write briefly on:

3A. Privileged communication and therapeutic Privilege

3B. Contributory negligence with a valid example

3C. Cephalic Index

3D. MTP Act

3E. False Virgin & types of hymen

3F. Doctrine of Informed consent and informed refusal

3G. Lucid Interval with reference to head injuries

3H. Rifling and choking in firearms

3I. Skull fractures and its types

3J. Viscera preservation

3K. Rigor mortis

3L. Antidotes

3M. Define delusion with four examples

3N. Eye changes after death

3O. Intersex

(4 marks × 15 = 60 marks)

