

Date: 27-05-2024

0524 E042

Third Year MBBS Examination
III MBBS Part 1 Forensic Medicine

Time: 3 hours

Max Marks: 100

Instructions:

1. Answer to the points.
2. Figure to the right indicates marks.
3. Use separate answer books for each section.
4. Draw diagrams wherever necessary.
5. Write legibly.

Section 1

1. Structured long question (Any 1 out of 2) (1x10 marks=10 marks) (10)

a) Enumerate postmortem changes. Discuss in detail postmortem staining with special reference to its usefulness in medico legal work.

b) Describe civil and criminal negligence with suitable examples. Describe precautions to be taken by a doctor to avoid change of negligence.

2. Case based scenario/Applied short notes (Any 2 out of 3) (2x6 marks=12 marks) (12)

a) Enumerate postmortem changes. Discuss in detail postmortem staining with special reference to its usefulness in medico legal work.

b) Describe civil and criminal negligence with suitable examples. Describe precautions to be taken by a doctor to avoid change of negligence.

3. Write short notes (Any 3 out of 4) (3x6 marks=18 marks) (18)

a) Hydrostatic test

~~b) Colour changes in Bruise~~

c) Objectives of a medico legal postmortem examination

d) Preservation of viscera in suspected poisoning cases

4. Answer in only 2-3 sentences (Any 5 out of 6) (5x2marks--(Qmarks) (10)

a) Filigree burn

b) Dying deposition

c) Positive signs of pregnancy

d) Kennedy phenomenon

e) Res Ipsa Loquitur

f) Dactylography

Section 2

5. Structured long question (Any | out of 2) (1x10marks=10 marks) (10)

a) A 55 year old farmer was brought to the casualty by his family after being found unconscious in his field. Upon arrival, he presented with pinpoint pupil, excessive sweating, excessive salivation and muscle twitching. Name the substance causing this poisoning and explain the mechanism of action of the substance. How will you manage this case?

b) Describe in detail the various parameters which are taken into consideration in determining time since death.

6. Case based scenario/Applied short notes (Any 2 out of 3) (2x6 marks=12 marks) (12)

a) A 16 year adolescent boy was found dead in a naked state with head covered in plastic bag. Crime scene revealed that door to his room was locked from inside and there was a lot of pornographic material lying around his room. What could be

possible cause of his death? Discuss the manner of his death in detail and what would be the postmortem finding in such case.

b) 25 year old male driving a car under the influence of alcohol was caught by police and brought to hospital for medico legal examination. Briefly outline the steps of the examination for certification of the person said to be drunk. Enlist the samples to be preserved during the examination.

c) A farmer comes to you with the fresh snake bite. How will you manage this emergency situation?

7. Write short notes (Any 3 out of 4) (3x6 marks=18 marks) (18)

a) Delusion

b) Duties of doctor in case of suspected poisoning

c) Difference between strychnine poisoning and tetanus

d) Cocaine bugs

8. Answer in only 2-3 sentences (Any 5 out of 6) (5x2marks=10marks) (10)

a) Kleptomania

b) Monk's hood

c) Burtonian line

d) Phossy jaw

e) Hatter's shake

f) Drug addiction.