

**SS/MBBS-II/2nd IA/FM/09-23****2023****(September)****FORENSIC MEDICINE****Full Marks: 100****Time: 3 hours****The figures in the margin indicate full marks for the questions****Answer all questions**

1. Name the criminal courts in India and their powers. Mention the sentences authorized by law in India. Name the various methods of carrying out death sentence. 6+5+4=15

2. What are the various post mortem changes after death? What is post mortem lividity? How post mortem lividity can be differentiated from a bruise? 6+4+5=15

**3. Write short notes on:**

**5×8=40**

- a. Dying declaration.
- b. Cognizable offence.
- c. Expert witness.
- d. Intersex.
- e. Scar and its medico legal importance.
- f. Cephalic index.
- g. Suspended animation and its medico legal implications.
- h. Medico legal importance of 16 and 18 years of age.

**4. Write in short:**

**2×5=10**

- a Cadaveric spasm.
- b. Conduct money.
- c. What are the limitations of Superimposition?
- d. Bishop's tripod of life.
- e. Hostile witness.

5. A convict was arrested by the police but he tried to escape during transit. The policeman shot him which led to death of the convict.  $2+3+5=10$

- a) Who will conduct the inquest in such situation and under which CrPC?
- b) What are the types of inquest carried out in India?
- c) Discuss the procedures and circumstances in which it is done.

6. What are the key principles and skill that form the foundation of effective communication between medical professional and patient? How do they contribute to improved healthcare outcomes? 5

**7. Choose the correct option:**

**1x5=5**

i. Example of Court of Appeal

- a. Sessions Court
- b. Magistrate's Court
- c. Coroner's Court
- d. High Court

ii. Algor mortis is

- a. Cadaveric spasm
- b. Cooling of body
- c. Hypostasis

d. Rigor mortis

iii. Which of the following documents is not mandatory for carrying out autopsy?

e. Inquest

f. Command certificate

g. Dead body chalan

h. Death certificate

iv. Which of the following preservatives is used in a case of sulphuric acid poisoning?

a. Saturated solution of common salt

b. Rectified spirit

c. Formaldehyde

d. Any of the above

V. Father of modern toxicology is

a. Orfila

b. Mc Naughten

c. Alan Moritz

d. William Osler

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