

National Board of Examinations

Question Paper Name : DNB Forensic Medicine Paper3
Subject Name : DNB Forensic Medicine Paper3
Duration : 182
Total Marks : 100
Display Marks: No

Maximum Instruction Time : 0
Is Section Default? : No

Question Number : 1 Question Id : 32718744932 Consider As Subjective : Yes

Please write your answers in the answer booklet within the allotted pages as follows:-

Question Number	Answer to be attempted within	Question Number	Answer to be attempted within
Q. 1	Page 1-5	Q. 6	Page 26-30
Q. 2	Page 6-10	Q. 7	Page 31-35
Q. 3	Page 11-15	Q. 8	Page 36-40
Q. 4	Page 16-20	Q. 9	Page 41-45
Q. 5	Page 21-25	Q. 10	Page 46-50

1. Dead body of a 13-year-old boy is to be retrieved from an illegally buried site after 15 days of burial. Give an account of the complete medico-legal management of the case to aid investigations by the law enforcing agencies. [10]

Question Number : 2 Question Id : 32718744933 Consider As Subjective : Yes

Different methods of chemical warfare. Discuss its possible consequences. [5+5]

Question Number : 3 Question Id : 32718744934 Consider As Subjective : Yes

The dead body of a 16-year-old girl with a history of amenorrhea for last 5 months, who died following 'criminal abortion', has been brought for medico-legal autopsy. Discuss in detail the findings of autopsy examination and their medico-legal implications. [6+4]

Question Number : 4 Question Id : 32718744935 Consider As Subjective : Yes

A 4-year-old child was accidentally entrapped in a closed car for about 1 hour in tropical region and was brought dead to hospital.

- a) Give a detailed description of the post-mortem examination findings. [5]
- b) Explain with analysis how will you arrive at the cause of death after relevant investigations. [5]

Question Number : 5 Question Id : 32718744936 Consider As Subjective : Yes

- a) Mechanism, order of appearance and medico-legal importance of rigor mortis. [2+1+2]
- b) Discuss conditions simulating rigor mortis. [5]

Question Number : 6 Question Id : 32718744937 Consider As Subjective : Yes

What is plumbism? Discuss clinical features and laboratory findings in cases of plumbism. [2+(4+4)]

Question Number : 7 Question Id : 32718744938 Consider As Subjective : Yes

A death has occurred in an alleged 'Encounter' by the police and the body has been brought for post mortem examination.

- a) Describe the procedure for preliminary examination of the clothing and collection of evidences for gun shot residue. [3]
- b) Describe the role of pre-autopsy radiology in such cases. [2]
- c) What are the protocols and procedures and precautions that you are required to follow during examination and documentation of the fire arm ammunition wounds? [5]

Question Number : 8 Question Id : 32718744939 Consider As Subjective : Yes

- a) What is 'Sewer gas'? [2]
- b) Discuss the pathophysiology, and findings of post-mortem examination in case where cause of death is due to sewer gas exposure. [5]
- c) Elucidate the methods of sample collection and extraction of gaseous poisons for forensic analysis. [3]

Question Number : 9 Question Id : 32718744940 Consider As Subjective : Yes

- a) Enumerate the different types of emboli. [2]
- b) Elucidate the etiopathogenesis and pathophysiology of embolism. [4]
- c) Discuss in detail the diagnosis of fat embolism at autopsy. [4]

Question Number : 10 Question Id : 32718744941 Consider As Subjective : Yes

A 25-year-old surgeon was found lying on the floor in a room locked from inside. A plastic bag was found covering the face and head, an IV cannula was found in situ, left open, on the dorsum of left hand, with around 200 ml of dried blood on the floor around the hand. A syringe with a drop of liquid in its adapter was found close to his right hand.

- a) Describe how you will perform the scene investigation including evidence collection in this case. [4]
- b) Design standard operating protocol for conducting medico-legal autopsy and opinion framing for such cases of complex suicide. [6]