

National Board of Examinations

Question Paper Name :	DNB Forensic Medicine Paper3
Subject Name :	DNB Forensic Medicine Paper3
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DNB Forensic Medicine Paper3

Group Number :	1
Group Id :	3271872500
Group Maximum Duration :	0
Group Minimum Duration :	180
Show Attended Group? :	No
Edit Attended Group? :	No
Group Marks :	100
Is this Group for Examiner? :	No
Examiner permission :	Cant View
Show Progress Bar? :	No

DNB Forensic Medicine Paper3

Section Id :	3271872503
Section Number :	1
Section type :	Offline

Mandatory or Optional :	Mandatory
Number of Questions to be attempted :	10
Section Marks :	100
Enable Mark as Answered Mark for Review and Clear Response :	Yes
Maximum Instruction Time :	0
Sub-Section Number :	1
Sub-Section Id :	3271872507
Question Shuffling Allowed :	No
Is Section Default? :	null

Question Number : 1 Question Id : 32718725233 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

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. Define and classify thromboembolism. Discuss the etio-pathogenesis, gross and microscopic autopsy findings in deaths due to amniotic fluid embolism. [5+5]

Question Number : 2 Question Id : 32718725234 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

- Describe the various postmortem artefacts. [3]
- What are Prinsloo Gordon Hemorrhages. [3]
- Discuss the importance of hemorrhagic lividity in cases of mechanical asphyxia deaths. [4]

Question Number : 3 Question Id : 32718725235 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

- a) Discuss the mechanism of action and fatal levels of various asphyxiants involved in deaths due to conflagration. [5]
- b) Explain the methods of sample collection, preservation and quantitative and qualitative analysis of various asphyxiants in such deaths. [5]

Question Number : 4 Question Id : 32718725236 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

Enlist the causes of Sudden Cardiac Deaths. Describe the gross and microscopic findings of various types of cardiomyopathies. Discuss the role of molecular autopsy in diagnosing SCD. [2+5+3]

Question Number : 5 Question Id : 32718725237 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

- a) List the various types of fixatives and their concentrations for different types of histological techniques. [5]
- b) Describe the procedure of brain fixation. [2]
- c) What are the techniques used for rapid microscopic analysis of brain tissue. [3]

Question Number : 6 Question Id : 32718725238 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

Discuss the challenges faced in diagnosis of sepsis as a cause of death at autopsy. What are the diagnostic criteria for sepsis and list the various markers of sepsis. [5+3+2]

Question Number : 7 Question Id : 32718725239 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

Discuss the future prospects and relevance of Forensic Toxicology. How will you establish an Analytical Toxicology Laboratory in your institution? [5+5]

Question Number : 8 Question Id : 32718725240 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

Discuss the role of immunohistochemistry in diagnosing closed head injuries. Write the Adams criteria for Diffuse Axonal Injury. [6+4]

Question Number : 9 Question Id : 32718725241 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

Describe the various date rape drugs, their mechanism of action and fatality. What are the new detection technologies for date rape drugs. [6+4]

Question Number : 10 Question Id : 32718725242 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

Discuss the diagnostic value of diatoms in drowning. Describe the challenges of autopsy diagnosis of drowning. [5+5]