

National Board of Examinations

Question Paper Name :	DNB Forensic Medicine Paper4
Subject Name :	DNB Forensic Medicine Paper4
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Share Answer Key With Delivery Engine :	No
Actual Answer Key :	No

DNB Forensic Medicine Paper4

Group Number :	1
Group Id :	3271871948
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 Paper4

Section Id :	3271871951
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 :	3271871955
Question Shuffling Allowed :	No
Is Section Default? :	null

Question Number : 1 Question Id : 32718719092 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. Discuss medicolegal issues involved in uses of artificial intelligence and ChatGPT. [10]

Question Number : 2 Question Id : 32718719093 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 various newer techniques for estimation of age of injuries. [10]

Question Number : 3 Question Id : 32718719094 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 Standard Operating Procedure to be followed for autopsy in Covid cases. How you will store such bodies safely in mortuary for dignified disposal /cremation? [5+5]

Question Number : 4 Question Id : 32718719095 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) Radiation hazards in Hospital setting and steps to prevent it. [5]
- b) Radioactive chemical used as lethal poison and its medico-legal importance. [5]

Question Number : 5 Question Id : 32718719096 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) Polygraph/Lie Detector Test. [5]
- b) Narco-Analysis/Truth Serum Test. [5]

Question Number : 6 Question Id : 32718719097 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) Legitimacy and medico-legal aspects of marriage annulment. [5]
- b) Artificial embryo twinning. [5]

Question Number : 7 Question Id : 32718719098 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) Define torture. [2]
- b) Different types/methods of torture. [4]
- c) Role of medical professional in cases of torture. [4]

Question Number : 8 Question Id : 32718719099 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

What is DNA fingerprinting? Discuss various techniques and laboratory procedures used for DNA fingerprinting, and their uses/application as per DNA Technology Regulation Bill, 2019. [2+(4+4)]

Question Number : 9 Question Id : 32718719100 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

What is cadaveric organ donation? Elaborate procedure followed in Cadaveric Organ Donation. Discuss role of Forensic doctors in organ donation from medico-legal cases. [2+4+4]

Question Number : 10 Question Id : 32718728679 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 concept of humanitarian forensics. Comment upon role of digital autopsy in it. [5+5]