

National Board of Examinations

Question Paper Name :	DNB Forensic Medicine Paper4
Subject Name :	DNB Forensic Medicine Paper4
Creation Date :	2023-10-16 09:54:23
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Share Answer Key With Delivery Engine :	No
Actual Answer Key :	No

DNB Forensic Medicine Paper4

Group Number :	1
Group Id :	3271872501
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 :	3271872504
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 :	3271872508
Question Shuffling Allowed :	No
Is Section Default? :	null

Question Number : 1 Question Id : 32718725243 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. A young male is brought to the mortuary with history of sudden collapse and death after receiving a covid 19 vaccine.

- What are the different types of AEFI (Adverse Events Following Immunization)? [2]
- What are the reliable postmortem diagnostic markers in cases of anaphylaxis? [3]
- Discuss reporting of deaths as per the AEFI guidelines. [5]

Question Number : 2 Question Id : 32718725244 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 epigenetics? Discuss the prospects of epigenetics in criminal investigations. [5+5]

Question Number : 3 Question Id : 32718725245 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 evolution of the constitutional validity of Section 309 IPC. Describe the current status of Section 309 IPC vs Mental Health Care Act, 2017. [5+5]

Question Number : 4 Question Id : 32718725246 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 principle, sensitivity, specificity and compounds identified by the Gunshot Residue (GSR) Field Test Kits. Describe the methods of collection, preservation and estimation of samples for confirmatory tests for GSR. [5+5]

Question Number : 5 Question Id : 32718725247 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 microbial forensics? Discuss the role of forensic experts in mass disasters. [5+5]

Question Number : 6 Question Id : 32718725248 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

Write the importance of bite mark analysis. Discuss the reliability of bite mark analysis as scientific evidence. [5+5]

Question Number : 7 Question Id : 32718725249 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 signs and symptoms seen in Caffey's syndrome. Discuss the provisions of the POCSO Act in relation to child abuse. [5+5]

Question Number : 8 Question Id : 32718725250 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 are novel psychoactive substances? Discuss the challenges faced by clinicians, forensic pathologist and analytical toxicologists handling cases involving novel psychoactive substances. [4+6]

Question Number : 9 Question Id : 32718725251 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 signs and symptoms of various venomous snake bites in India. Write down the diagnosis and recent management guidelines in snake bite poisoning. [5+5]

Question Number : 10 Question Id : 32718725252 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 MTP Act, 1971 and MTP (Amendment) Act, 2021. Enumerate category of women entitled for MTP under rules of amendment Act, 2021. [7+3]