

National Board of Examinations

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| Question Paper Name : | DNB Forensic Medicine Paper1 |
| Subject Name : | DNB Forensic Medicine Paper1 |
| Creation Date : | 2022-06-25 17:18:26 |
| Duration : | 180 |
| Share Answer Key With Delivery Engine : | No |
| Actual Answer Key : | No |

DNB Forensic Medicine Paper1

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| Group Number : | 1 |
| Group Id : | 3271871098 |
| Group Maximum Duration : | 0 |
| Group Minimum Duration : | 180 |
| Show Attended Group? : | No |
| Edit Attended Group? : | No |
| Break time : | 0 |
| Group Marks : | 100 |
| Is this Group for Examiner? : | No |
| Examiner permission : | Cant View |
| Show Progress Bar? : | No |

DNB Forensic Medicine Paper1

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|-------------------------|------------|
| Section Id : | 3271871101 |
| Section Number : | 1 |

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|---|------------|
| 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 : | 3271871105 |
| Question Shuffling Allowed : | No |

Question Number : 1 Question Id : 32718710032 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

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 autopsy. What are its types. Describe in details about merits and demerits of each one in investigation of a case. [2+3+5]

Question Number : 2 Question Id : 32718710033 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Discuss the various causes of impotency. How will you examine, investigate and interpret the results in a case of alleged impotence? [3+7]

Question Number : 3 Question Id : 32718710034 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction

Time : 0

What is artificial intelligence? Describe application of artificial intelligence in the field of forensic medicine. [2+8]

Question Number : 4 Question Id : 32718710035 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Describe about various methods for sample calculation in a scientific study along with examples. [10]

Question Number : 5 Question Id : 32718710036 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

a) Pathophysiology of shock. [5]

b) Trauma scoring. [5]

Question Number : 6 Question Id : 32718710037 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

a) ICMR guidelines for human research. [5]

b) Necrobiomes. [5]

Question Number : 7 Question Id : 32718710038 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Discuss development of secondary sexual characteristics. [10]

Question Number : 8 Question Id : 32718710039 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Describe fetal blood circulation. Discuss the cause of death in criminal abortion. [5+5]

Question Number : 9 Question Id : 32718710040 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Discuss the systemic and localized effects of hypothermia. [10]

Question Number : 10 Question Id : 32718710041 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

What are the special techniques of autopsy dissection techniques? Discuss the demonstration of air embolism during autopsy procedure. [5+5]