

# National Board of Examinations

<b>Question Paper Name :</b>	DNB Forensic Medicine Paper1
<b>Subject Name :</b>	DNB Forensic Medicine Paper1
<b>Creation Date :</b>	2023-04-25 11:44:35
<b>Duration :</b>	180
<b>Share Answer Key With Delivery Engine :</b>	No
<b>Actual Answer Key :</b>	No

## DNB Forensic Medicine Paper1

<b>Group Number :</b>	1
<b>Group Id :</b>	327187785
<b>Group Maximum Duration :</b>	0
<b>Group Minimum Duration :</b>	180
<b>Show Attended Group? :</b>	No
<b>Edit Attended Group? :</b>	No
<b>Group Marks :</b>	100
<b>Is this Group for Examiner? :</b>	No
<b>Examiner permission :</b>	Cant View
<b>Show Progress Bar? :</b>	No

## DNB Forensic Medicine Paper1

<b>Section Id :</b>	327187788
<b>Section Number :</b>	1
<b>Section type :</b>	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 :** 327187792

**Question Shuffling Allowed :** No

**Is Section Default? :** null

**Question Number : 1 Question Id : 32718720492 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

- a) Describe in detail about sampling techniques in research. [5]
- b) Discuss various types of study designs for research. [5]

**Question Number : 2 Question Id : 32718720493 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) What is Injury Severity Scoring? [2]
- b) Give an account of existing injury severity scoring for liver injuries. [5]
- c) Discuss the utility of scoring systems in the clinical management of trauma cases. [3]

**Question Number : 3 Question Id : 32718720494 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) Describe the pathophysiology of wound healing. [5]
- b) Discuss the application of histo-chemical methods for estimating the time of injuries. [5]

**Question Number : 4 Question Id : 32718720495 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) Describe the pathophysiology of septicemic shock. [5]
- b) Describe the autopsy findings in a case of death following septic shock. [5]

**Question Number : 5 Question Id : 32718720496 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) Classify autopsy room infections. [3]
- b) Describe various modes of transmission of infections in the mortuary. [2]
- c) Suggest precautions, modifications in practice and 'Facility design' in the autopsy room to prevent such infections. [5]

**Question Number : 6 Question Id : 32718720497 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 and classify thermal injuries. [2+3]
- b) Describe the pathophysiology and postmortem findings in case of hyperthermia. [5]

**Question Number : 7 Question Id : 32718720498 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 in detail the Suchey-Brooks system for studying the age related changes of the pubic symphysis. [10]

**Question Number : 8 Question Id : 32718720499 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 and methodology of High Performance Liquid Chromatography and its use in forensic practice. [10]

**Question Number : 9 Question Id : 32718720500 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) Describe the methodology of Randomised Control Trial (RCT). [5]

b) Discuss the advantages and disadvantages of RCT. [5]

**Question Number : 10 Question Id : 32718720501 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 in detail the immunological and biochemical study of human semen and its forensic implications. [3+3+4]