

National Board of Examinations

Question Paper Name :	DNB Forensic Medicine Paper1
Subject Name :	DNB Forensic Medicine Paper1
Duration :	182
Total Marks :	100
Display Marks:	No
Maximum Instruction Time :	0
Is Section Default? :	No

Question Number : 1 Question Id : 32718744041 Consider As Subjective : Yes

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) What are the advantages of forensic pathologist visiting the scene of death? [4]
- b) Give an account of different methodologies of search during crime scene investigation. [6]

Question Number : 2 Question Id : 32718744042 Consider As Subjective : Yes

- a) Discuss the role of entomology of the cadaver in estimation of post-mortem interval and give a list of the 8 waves of insect infestations with the time line. [4]
- b) Describe the life cycles of Calliphora and Sarcophaga flies with illustrations. [6]

Question Number : 3 Question Id : 32718744043 Consider As Subjective : Yes

Describe Tanner's stages of development of secondary sexual characters with reference to different ages in both sexes. [10]

Question Number : 4 Question Id : 32718744044 Consider As Subjective : Yes

- a) Define rape as per section 63 of Bhartiya Nyay (second) Sanhita (BNS) 2023. [5]
- b) Write down the punishments for rape according to section 64 to 71 of BNS. [5]

Question Number : 5 Question Id : 32718744045 Consider As Subjective : Yes

- a) Define embryo and foetus. [2]
- b) Write down the features suggestive of seven months foetus and a full term foetus. [6]
- c) What is rule of Haase and Haase's modification of Morisson's law? [2]

Question Number : 6 Question Id : 32718744046 Consider As Subjective : Yes

Give a detailed account of age related morphological changes in symphysis pubis with emphasis on the Suchey-Brooks system. [10]

Question Number : 7 Question Id : 32718744047 Consider As Subjective : Yes

- a) Describe principle of Gas chromatography-Mass spectrometry (GC-MS). [5]
- b) Discuss its forensic use. [5]

Question Number : 8 Question Id : 32718744048 Consider As Subjective : Yes

- a) Define forensic limnology. [2]
- b) Give a critical analysis of the "Diatom test" and its implications for medico-legal investigations. [8]

Question Number : 9 Question Id : 32718744049 Consider As Subjective : Yes

- a) Discuss mitochondrial DNA. [5]
- b) What is its forensic importance? [5]

Question Number : 10 Question Id : 32718744050 Consider As Subjective : Yes

Discuss in detail the life cycle of a research. [10]