

National Board of Examinations

Question Paper Name :	DNB Forensic Medicine Paper1
Subject Name :	DNB Forensic Medicine Paper1
Creation Date :	2021-08-25 17:08:34
Duration :	180
Total Marks :	100
Display Marks:	No

DNB Forensic Medicine Paper1

Group Number :	1
Group Id :	327187371
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

DNB Forensic Medicine Paper1

Section Id :	327187374
Section Number :	1
Section type :	Offline
Mandatory or Optional :	Mandatory

Number of Questions :	10
Number of Questions to be attempted :	10
Section Marks :	100
Enable Mark as Answered Mark for Review and Clear Response :	Yes
Sub-Section Number :	1
Sub-Section Id :	327187378
Question Shuffling Allowed :	No

Question Number : 1 Question Id : 3271872231 Question Type : SUBJECTIVE

Correct Marks : 10

- a) Compose a comprehensive mortuary management plan in COVID-19 scenario for a 5,000 bedded tertiary care hospital with special emphasis on disinfection practices and prevention of community spread. [7]
- b) Justify or critique the ICMR guidelines for medico-legal autopsy for COVID-19 cases. [3]

Question Number : 2 Question Id : 3271872232 Question Type : SUBJECTIVE

Correct Marks : 10

- a) Describe the development of heart. [6]
- b) Illustrate the defects in the development leading to Tetralogy of Fallot. [4]

Question Number : 3 Question Id : 3271872233 Question Type : SUBJECTIVE

Correct Marks : 10

- a) Describe the Endocannabinoid receptor system (ERS). [6]
- b) Explain the role of upregulation and down regulation of ERS in addictive behavior and its therapy. [4]

Question Number : 4 Question Id : 3271872234 Question Type : SUBJECTIVE

Correct Marks : 10

Explain how the phenomenon of Restriction Fragment Length Polymorphism (RFPL) is used in DNA analysis. [10]

Question Number : 5 Question Id : 3271872235 Question Type : SUBJECTIVE

Correct Marks : 10

- a) Elucidate the structure of diagnostic statistical manual for mental disorders. [3]
- b) Discuss personality disorders. [7]

Question Number : 6 Question Id : 3271872236 Question Type : SUBJECTIVE

Correct Marks : 10

Discuss the principles of Mass spectrometry and its application in relation to trace evidence. [5+5]

Question Number : 7 Question Id : 3271872237 Question Type : SUBJECTIVE

Correct Marks : 10

- a) What is Research Methodology? Enumerate its types. [3+3]
- b) Discuss the benefits of Research methodology. [4]

Question Number : 8 Question Id : 3271872238 Question Type : SUBJECTIVE

Correct Marks : 10

- a) What are the common methods of insect identification? [5]
- b) When do domestic beetles arrive at the abandoned body and what do they do to a dead body?
[5]

Question Number : 9 Question Id : 3271872239 Question Type : SUBJECTIVE

Correct Marks : 10

- a) Discuss spontaneous human combustion as an entity. [6]
- b) What is the wick effect? [4]

Question Number : 10 Question Id : 3271872240 Question Type : SUBJECTIVE

Correct Marks : 10

Discuss the relevance of multiple body views by X-ray in the study of gunshot wounding. [10]