

National Board of Examinations

Question Paper Name :	DNB Pharmacology Paper3
Subject Name :	DNB Pharmacology Paper3
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DNB Pharmacology Paper3

Group Number :	1
Group Id :	327187279
Group Maximum Duration :	0
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Edit Attended Group? :	No
Break time :	0
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Is this Group for Examiner? :	No

DNB Pharmacology Paper3

Section Id :	327187282
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 :	327187286
Question Shuffling Allowed :	No

Question Number : 1 Question Id : 3271871310 Question Type : SUBJECTIVE

Correct Marks : 10

Discuss the methods for preclinical evaluation of antiarrhythmic activity of a new molecule? [10]

Question Number : 2 Question Id : 3271871311 Question Type : SUBJECTIVE

Correct Marks : 10

Define protocol violation and protocol deviation. Explain by giving suitable examples. [5+5]

Question Number : 3 Question Id : 3271871312 Question Type : SUBJECTIVE

Correct Marks : 10

Describe the composition, roles and responsibilities of Institutional Ethics Committee. [10]

Question Number : 4 Question Id : 3271871313 Question Type : SUBJECTIVE

Correct Marks : 10

Discuss the role of artificial intelligence in research and drug development with examples. [10]

Question Number : 5 Question Id : 3271871314 Question Type : SUBJECTIVE

Correct Marks : 10

How is sample size calculated for a clinical study? What are the clinical and statistical significance of appropriate sample size? [5+5]

Question Number : 6 Question Id : 3271871315 Question Type : SUBJECTIVE

Correct Marks : 10

- a) What are the different phases of a vaccine trial? [5]
- b) Elucidate the concept of emergency use authorization. [5]

Question Number : 7 Question Id : 3271871316 Question Type : SUBJECTIVE

Correct Marks : 10

- a) Which are the sampling errors in drug screening program? [3]
- b) What is the impact of sampling errors? [3]
- c) Enumerate the ways of reducing these errors. [4]

Question Number : 8 Question Id : 3271871317 Question Type : SUBJECTIVE

Correct Marks : 10

- a) Metanalysis. [5]
- b) Non-parametric tests. [5]

Question Number : 9 Question Id : 3271871318 Question Type : SUBJECTIVE

Correct Marks : 10

Describe the principles of Good Laboratory Practices. [10]

Question Number : 10 Question Id : 3271871319 Question Type : SUBJECTIVE

Correct Marks : 10

Write in detail about various types of bioassay methods. Write about their advantages and disadvantages. [5+5]