

National Board of Examinations

Question Paper Name :	DNB Pharmacology Paper3
Subject Name :	DNB Pharmacology Paper3
Creation Date :	2022-12-26 13:13:37
Duration :	180
Share Answer Key With Delivery Engine :	No
Actual Answer Key :	No

DNB Pharmacology Paper3

Group Number :	1
Group Id :	3271871373
Group Maximum Duration :	0
Group Minimum Duration :	180
Show Attended Group? :	No
Edit Attended Group? :	No
Group Marks :	100
Is this Group for Examiner? :	No
Examiner permission :	Cant View
Show Progress Bar? :	No

DNB Pharmacology Paper3

Section Id :	3271871376
Section Number :	1
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 : 3271871380

Question Shuffling Allowed : No

Is Section Default? : null

Question Number : 1 Question Id : 32718712782 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

1. Describe Kaplan-Meier curve for survival analysis. Write a brief account on Cox proportional hazard analysis model. [5+5]

Question Number : 2 Question Id : 32718712783 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 the preclinical models for evaluation of anti-psychotic drugs. [10]

Question Number : 3 Question Id : 32718712784 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 methods for detecting safety related issues of recently authorized drug which got marketing approval without undergoing phase 3 clinical trials. [10]

Question Number : 4 Question Id : 32718712785 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 CPCSEA guidelines for the use small animal. What are the parallels in the functioning of Institutional ethics committee for clinical trials in human and experimentation in small animal. [5+5]

Question Number : 5 Question Id : 32718712786 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 methods for preclinical evaluation of anti-hypertensive agents? [10]

Question Number : 6 Question Id : 32718712787 Question Type : SUBJECTIVE Consider As

Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

What is chromatography? What are its various types? Give an account of high-performance liquid chromatography. [2+3+5]

Question Number : 7 Question Id : 32718712788 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 methods for preclinical evaluation of anti-diabetic agents. [10]

Question Number : 8 Question Id : 32718712789 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

What is null hypothesis? Discuss the steps for hypothesis testing. [3+7]

Question Number : 9 Question Id : 32718712790 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

What is normal distribution? Describe the tests of significance which can be applied on normally distributed data. [2+8]

Question Number : 10 Question Id : 32718712791 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 clinical methods for the evaluation of a compound proved to be safe and have anti-inflammatory potential in pre-clinical studies. [10]