

National Board of Examinations

Question Paper Name :	DNB Pharmacology Paper3
Subject Name :	DNB Pharmacology Paper3
Creation Date :	2024-05-17 19:22:19
Duration :	180
Share Answer Key With Delivery Engine :	No
Actual Answer Key :	No

DNB Pharmacology Paper3

Group Number :	1
Group Id :	3271872026
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 :	3271872029
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 :	3271872033
Question Shuffling Allowed :	No
Is Section Default? :	null

Question Number : 1 Question Id : 32718719902 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 the various preclinical carcinogenicity studies. [10]

Question Number : 2 Question Id : 32718719903 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 meta-analysis? Discuss the steps for conducting a meta-analysis? What are the limitations of meta-analysis? [2+5+3]

Question Number : 3 Question Id : 32718719904 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 screening methods for evaluation of anti-anginal agents. [10]

Question Number : 4 Question Id : 32718719905 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 parallels in ethical issues in animal and human research? Write a short note on euthanasia techniques for animal experimentation as per CPCSEA/CCSEA guidelines. [6+4]

Question Number : 5 Question Id : 32718719906 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 pre-clinical models for evaluation of anti-diabetic agents. [10]

Question Number : 6 Question Id : 32718719907 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 the importance of sample size in clinical trials? Describe the methods for sample size calculation for clinical trials. [4+6]

Question Number : 7 Question Id : 32718719908 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 processes of drug discovery. What steps are taken to evaluate an unknown

compound for clinical utility? [2+8]

Question Number : 8 Question Id : 32718719909 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 briefly superiority, non-inferiority and equivalence trials. [3+4+3]

Question Number : 9 Question Id : 32718719910 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

Enumerate non-parametric tests? Briefly describe Chi square test and its modifications for statistical analysis of data? [2+5+3]

Question Number : 10 Question Id : 32718719911 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 pre-clinical evaluation of compounds with a potential effect on learning and memory. [10]