National Board of Examinations

Question Paper Name :	DNB Pharmacology Paper1
Subject Name :	DNB Pharmacology Paper1
Creation Date :	2021-08-25 17:09:01
Duration :	180
Total Marks :	100
Display Marks:	No

DNB Pharmacology Paper1

Group Number :	1
Group Id :	327187277
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 Pharmacology Paper1

Section Id :	327187280
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 :	327187284
Question Shuffling Allowed :	No

Question Number : 1 Question Id : 3271871290 Question Type : SUBJECTIVE

Correct Marks : 10

Discuss various targets of drug action along with suitable examples. [10]

Question Number : 2 Question Id : 3271871291 Question Type : SUBJECTIVE

Correct Marks : 10

a) Enumerate various pharmacokinetic parameters of a drug. [4]

b) Discuss their clinical significance by giving suitables. [4]

c) Describe the factors influencing the frequency of dosing of drug to a patient. [2]

Question Number : 3 Question Id : 3271871292 Question Type : SUBJECTIVE

Correct Marks : 10

a) What do you understand by the term "therapeutic index"? [5]

b) How will you determine therapeutic window for a new experimental drug? [5]

Question Number : 4 Question Id : 3271871293 Question Type : SUBJECTIVE

Correct Marks : 10

a) Describe the term pharmacoeconomics. [2]

b) Enumerate the criteria used to analyse cost and benefit. [4]

c) Discuss the various methods for pharmacoeconomic analysis. [4]

Question Number : 5 Question Id : 3271871294 Question Type : SUBJECTIVE

Correct Marks : 10

a) What are CYP 450 families and their role in drug metabolism? [5]

b) Discuss the clinical significance of enzyme inhibition and its therapeutic implications. [5]

Question Number : 6 Question Id : 3271871295 Question Type : SUBJECTIVE

Correct Marks : 10

Discuss in brief the requirement and methods for dose adjustment in renal diseases. [10]

Question Number : 7 Question Id : 3271871296 Question Type : SUBJECTIVE

Correct Marks : 10

a) Role of pharmacokinetic/ pharmacodynamic modelling in drug research and development. [5]

b) Biased agonism. [5]

Question Number : 8 Question Id : 3271871297 Question Type : SUBJECTIVE

Correct Marks : 10

a) What is pharmacovigilance and what is its importance? [5]

b) Discuss various methods of causality assessment with their advantages and limitations. [5]

Question Number : 9 Question Id : 3271871298 Question Type : SUBJECTIVE

Correct Marks : 10

a) Off-label use of drugs with examples. [5]

b) Applications of biotechnology in medicine. [5]

Question Number : 10 Question Id : 3271871299 Question Type : SUBJECTIVE

Correct Marks : 10

a) Genetic polymorphism. [5]

b) Rational use of medicine. [5]