

National Board of Examinations

Question Paper Name :	DNB Pharmacology Paper4
Subject Name :	DNB Pharmacology Paper4
Creation Date :	2023-10-16 09:54:30
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Share Answer Key With Delivery Engine :	No
Actual Answer Key :	No

DNB Pharmacology Paper4

Group Number :	1
Group Id :	3271872577
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 Paper4

Section Id :	3271872580
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 :	3271872584
Question Shuffling Allowed :	No
Is Section Default? :	null

Question Number : 1 Question Id : 32718726243 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. What is randomisation? What are the types and ethical considerations for randomisation. [5+5]

Question Number : 2 Question Id : 32718726244 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

Classify drugs used in the treatment of HIV. Elaborate the role of “integrase strand transfer inhibitors” in the management of HIV. [5+5]

Question Number : 3 Question Id : 32718726245 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 role of immune checkpoint inhibitors in cancer chemotherapy. [10]

Question Number : 4 Question Id : 32718726246 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 are the principle dimensions of quality of life studies? Explain how quality of life is utilised in pharmacoeconomic analysis of therapies. [5+5]

Question Number : 5 Question Id : 32718726247 Question Type : SUBJECTIVE Consider As

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

Correct Marks : 10

Write important features of sequential trial design. [10]

Question Number : 6 Question Id : 32718726248 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 an adverse event? Discuss the rationale for the pharmacovigilance and various methods used. [3+7]

Question Number : 7 Question Id : 32718726249 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 various methods used in drug discovery. Write the principle of “antisense approach” treatment with suitable examples. [5+5]

Question Number : 8 Question Id : 32718726250 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 the institutional bodies to protect the rights of clinical trial participants. Briefly discuss their cardinal principles and composition of each. [5+5]

Question Number : 9 Question Id : 32718726251 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

Classify neuromuscular blockers. Compare the neuromuscular blocker reversal mechanism of sugammadex with that of neostigmine. [5+5]

Question Number : 10 Question Id : 32718726252 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

a) Non peak insulin formulations. [5]

b) Atypical antipsychotics. [5]