

National Board of Examinations

Question Paper Name :	DNB Pharmacology Paper4
Subject Name :	DNB Pharmacology Paper4
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Share Answer Key With Delivery Engine :	No
Actual Answer Key :	No

DNB Pharmacology Paper4

Group Number :	1
Group Id :	3271871374
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 :	3271871377
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 :	3271871381
Question Shuffling Allowed :	No
Is Section Default? :	null

Question Number : 1 Question Id : 32718712792 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 methods of sampling in clinical trials. Discuss the various techniques of randomization with suitable examples. [5+5]

Question Number : 2 Question Id : 32718712793 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 guidelines for programmatic management of drug resistant tuberculosis. [10]

Question Number : 3 Question Id : 32718712794 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 recent advances in the management of HIV infection. What are the recent guidelines for post-exposure prophylaxis for HIV? [5+5]

Question Number : 4 Question Id : 32718712795 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 evaluation of a journal and an author. [5+5]

Question Number : 5 Question Id : 32718712796 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 novel targets and recent advances in the management of depression. [5+5]

Question Number : 6 Question Id : 32718712797 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 principle, applications and adverse effects of chimeric antigen receptor T-cell therapy. [3+5+2]

Question Number : 7 Question Id : 32718712798 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 briefly the adaptive clinical trial designs and its challenges. [6+4]

Question Number : 8 Question Id : 32718712799 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 management of COPD as per recent GOLD guidelines. [10]

Question Number : 9 Question Id : 32718712800 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

Outline the principles of good clinical practices for clinical trials. Discuss the roles and responsibilities of member secretary of institutional ethics committee and the principle investigator of a clinical trial. [4+3+3]

Question Number : 10 Question Id : 32718712801 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 recent advances in pharmacotherapy of erectile dysfunction. [10]