

National Board of Examinations

Question Paper Name :	DNB Pharmacology Paper2
Subject Name :	DNB Pharmacology Paper2
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Actual Answer Key :	No

DNB Pharmacology Paper2

Group Number :	1
Group Id :	3271872575
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 Paper2

Section Id :	3271872578
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 :	3271872582
Question Shuffling Allowed :	No
Is Section Default? :	null

Question Number : 1 Question Id : 32718726223 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 various mechanisms modulating arteriolar tone. Discuss the therapeutic potential of the drugs modifying arterial tone. [5+5]

Question Number : 2 Question Id : 32718726224 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 anti-platelet drugs. Discuss the mechanism of action, therapeutic uses and adverse effects of clopidogrel. [5+2+2+1]

Question Number : 3 Question Id : 32718726225 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 mechanistic classification of drugs used in the treatment of nausea and vomiting. Write pre and post chemotherapy protocols for managing high risk of emesis. [5+5]

Question Number : 4 Question Id : 32718726226 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 strategies for the treatment of osteoporosis. Write mechanism of action and adverse drug effects of denosumab. [5+5]

Question Number : 5 Question Id : 32718726227 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 drugs used in the treatment of Parkinson's disease. Discuss therapeutic status of dopamine receptor agonists. [5+5]

Question Number : 6 Question Id : 32718726228 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 treatment protocol for multibacillary leprosy. Briefly discuss the management of lepra reactions. [5+5]

Question Number : 7 Question Id : 32718726229 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

Explain the mechanism of gene expression regulation by glucocorticoids. Discuss the rationale of their use in some cancers. [5+5]

Question Number : 8 Question Id : 32718726230 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 bronchial asthma. Write mechanism of action and drug-drug interactions of methylxanthines. [5+2+3]

Question Number : 9 Question Id : 32718726231 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 sites of action of antifungal agents. Write mechanism of action and therapeutic uses of amphotericin-B. Briefly discuss the merits of various preparations of amphotericin B. [5+2+3]

Question Number : 10 Question Id : 32718726232 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 pharmacotherapy of the following:

- a) Acute ischemic stroke. [5]
- b) Methicillin Sensitive staphylococcus aureus infections. [5]