

# National Board of Examinations

<b>Question Paper Name :</b>	DNB Pharmacology Paper4
<b>Subject Name :</b>	DNB Pharmacology Paper4
<b>Creation Date :</b>	2024-05-18 18:52:06
<b>Duration :</b>	180
<b>Share Answer Key With Delivery Engine :</b>	No
<b>Actual Answer Key :</b>	No

## DNB Pharmacology Paper4

<b>Group Number :</b>	1
<b>Group Id :</b>	3271872027
<b>Group Maximum Duration :</b>	0
<b>Group Minimum Duration :</b>	180
<b>Show Attended Group? :</b>	No
<b>Edit Attended Group? :</b>	No
<b>Group Marks :</b>	100
<b>Is this Group for Examiner? :</b>	No
<b>Examiner permission :</b>	Cant View
<b>Show Progress Bar? :</b>	No

## DNB Pharmacology Paper4

<b>Section Id :</b>	3271872030
<b>Section Number :</b>	1
<b>Section type :</b>	Offline

<b>Mandatory or Optional :</b>	Mandatory
<b>Number of Questions to be attempted :</b>	10
<b>Section Marks :</b>	100
<b>Enable Mark as Answered Mark for Review and Clear Response :</b>	Yes
<b>Maximum Instruction Time :</b>	0
<b>Sub-Section Number :</b>	1
<b>Sub-Section Id :</b>	3271872034
<b>Question Shuffling Allowed :</b>	No
<b>Is Section Default? :</b>	null

**Question Number : 1 Question Id : 32718719912 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. Discuss the recent guidelines for management of hypertension. [10]

**Question Number : 2 Question Id : 32718719913 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 10**

Define a placebo. What are the possible mechanisms for placebo effect? Describe the role of placebo in clinical trials. [2+3+5]

**Question Number : 3 Question Id : 32718719914 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 for the treatment of psychosis. [10]

**Question Number : 4 Question Id : 32718719915 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 in the treatment of bronchial asthma. Outline the management of bronchial asthma as per GINA guidelines? [5+5]

**Question Number : 5 Question Id : 32718719916 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 developments in microbiome based therapeutics. [10]

**Question Number : 6 Question Id : 32718719917 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 treatment options and recent developments for treatment of psoriasis. [6+4]

**Question Number : 7 Question Id : 32718719918 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 pragmatic clinical trials. Briefly discuss their advantages and limitations? [5+(3+2)]

**Question Number : 8 Question Id : 32718719919 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 various treatment options and newer targets for management of multiple sclerosis. [5+5]

**Question Number : 9 Question Id : 32718719920 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 10**

Give an account on the menace of drug abuse in sports. What measures have been put in place to counter the problem? Discuss therapeutic use exemption with suitable examples in sports. [4+3+3]

**Question Number : 10 Question Id : 32718719921 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 various novel anti-coagulant agents. [10]