

# National Board of Examinations

<b>Question Paper Name :</b>	DNB General Medicine Paper1
<b>Subject Name :</b>	DNB General Medicine Paper1
<b>Creation Date :</b>	2024-10-17 16:12:23
<b>Duration :</b>	180
<b>Total Marks :</b>	100
<b>Display Marks:</b>	No
<b>Share Answer Key With Delivery Engine :</b>	No
<b>Actual Answer Key :</b>	No

## DNB General Medicine Paper1

<b>Group Number :</b>	1
<b>Group Id :</b>	3271872740
<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>Break time :</b>	0
<b>Group Marks :</b>	100

## DNB General Medicine Paper1

<b>Section Id :</b>	3271872743
<b>Section Number :</b>	1
<b>Section type :</b>	Offline
<b>Mandatory or Optional :</b>	Mandatory
<b>Number of Questions :</b>	10
<b>Number of Questions to be attempted :</b>	10
<b>Section Marks :</b>	100
<b>Maximum Instruction Time :</b>	0
<b>Sub-Section Number :</b>	1
<b>Sub-Section Id :</b>	3271872747
<b>Question Shuffling Allowed :</b>	No

**Question Number : 1 Question Id : 32718728684 Question Type : SUBJECTIVE Consider As Subjective : Yes**

**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. a) Describe the functions of loop of Henle. [4]
- b) Enumerate inherited disorders involving the Loop of Henle. [3]
- c) Add a note on Bartter's Syndrome. [3]

**Question Number : 2 Question Id : 32718728685 Question Type : SUBJECTIVE Consider As Subjective : Yes**

**Correct Marks : 10**

- a) What are peripheral and central mechanism for pain? [4]
- b) Enumerate drugs used for neuropathic pain. [3]
- c) Subacute combined degeneration of spinal cord. [3]

**Question Number : 3 Question Id : 32718728686 Question Type : SUBJECTIVE Consider As Subjective : Yes**

**Correct Marks : 10**

- a) Discuss physiological basis of the cardiac cycle. [4]
- b) Explain in brief the changes in the cardiac cycle and cardiac output during sub-maximal and maximal exercises. [3+3]

**Question Number : 4 Question Id : 32718728687 Question Type : SUBJECTIVE Consider As Subjective : Yes**

**Correct Marks : 10**

- a) Compare and contrast Intermittent Fasting versus Caloric Restriction. [4]
- b) Insulin Resistance - causes, diagnosis and treatment. [2+2+2]

**Question Number : 5 Question Id : 32718728688 Question Type : SUBJECTIVE Consider As Subjective : Yes**

**Correct Marks : 10**

Write about pathobiology, clinical features, diagnosis and treatment of Cryptococcal disease. [2+3+2+3]

**Question Number : 6 Question Id : 32718728689 Question Type : SUBJECTIVE Consider As Subjective : Yes**

**Correct Marks : 10**

- a) Describe the physiologic basis of red cell production. [4]
- b) Enumerate the etiology and discuss the evaluation of Hypoproliferative Anemia. [3+3]

**Question Number : 7 Question Id : 32718728690 Question Type : SUBJECTIVE Consider As Subjective : Yes**

**Correct Marks : 10**

- a) Describe briefly hormonal feedback regulatory systems. [2]
- b) Outline the causes, clinical features and treatment of hyperprolactinemia. [3+3+2]

**Question Number : 8 Question Id : 32718728691 Question Type : SUBJECTIVE Consider As Subjective : Yes**

**Correct Marks : 10**

- a) Describe Magnesium metabolism. [3]
- b) Discuss the causes, clinical manifestations and treatment of Hypomagnesemia. [3+2+2]

**Question Number : 9 Question Id : 32718728692 Question Type : SUBJECTIVE Consider As Subjective : Yes**

**Correct Marks : 10**

- a) Neurological findings helpful in localizations of lesion in nervous system. [5]
- b) AIDS-associated myelopathy. [5]

**Question Number : 10 Question Id : 32718728693 Question Type : SUBJECTIVE Consider As Subjective : Yes**

**Correct Marks : 10**

- a) Define epigenetic clock. [1]
- b) Telomere- functions and its clinical significance. [2+2]
- c) Use of genetic engineering in medicine. [5]