

# National Board of Examinations

<b>Question Paper Name :</b>	DNB General Medicine Paper4
<b>Subject Name :</b>	DNB General Medicine Paper4
<b>Creation Date :</b>	2024-10-21 16:15:51
<b>Duration :</b>	180
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<b>Display Marks:</b>	No
<b>Share Answer Key With Delivery Engine :</b>	No
<b>Actual Answer Key :</b>	No

## DNB General Medicine Paper4

<b>Group Number :</b>	1
<b>Group Id :</b>	3271872743
<b>Group Maximum Duration :</b>	0
<b>Group Minimum Duration :</b>	180
<b>Show Attended Group? :</b>	No
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<b>Break time :</b>	0
<b>Group Marks :</b>	100

## DNB General Medicine Paper4

<b>Section Id :</b>	3271872746
<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>	3271872750
<b>Question Shuffling Allowed :</b>	No

**Question Number : 1 Question Id : 32718728714 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) Discuss the endocrine functions of the lung. [5]
- b) Outline the role of "point of care ultrasonography (POCUS)" in the evaluation of acute dyspnoea. [5]

**Question Number : 2 Question Id : 32718728715 Question Type : SUBJECTIVE Consider As Subjective : Yes**

**Correct Marks : 10**

- a) Sudden cardiac death: Definition, risk factors and secondary preventions. [1+2+2]
- b) Describe management of inflight medical events on commercial airlines. [5]

**Question Number : 3 Question Id : 32718728716 Question Type : SUBJECTIVE Consider As Subjective : Yes**

**Correct Marks : 10**

- a) Write briefly on blood component therapy. [5]
- b) Artificial oxygen carriers. [5]

**Question Number : 4 Question Id : 32718728717 Question Type : SUBJECTIVE Consider As Subjective : Yes**

**Correct Marks : 10**

- a) Adult immunization. [5]
- b) Novel vaccine approach in clinical medicine. [5]

**Question Number : 5 Question Id : 32718728718 Question Type : SUBJECTIVE Consider As Subjective : Yes**

**Correct Marks : 10**

- a) Novel drugs in the management of diabetes mellitus. [5]
- b) Discuss the recent updates in the National Antiretroviral Treatment (ART) guidelines. [5]

**Question Number : 6 Question Id : 32718728719 Question Type : SUBJECTIVE Consider As Subjective : Yes**

**Correct Marks : 10**

- a) Chimeric antigen receptor (CAR) T-cell therapy. [5]
- b) Biosimilar drugs. [5]

**Question Number : 7 Question Id : 32718728720 Question Type : SUBJECTIVE Consider As Subjective : Yes**

**Correct Marks : 10**

- a) Outline the mechanisms of antibiotic resistance. [5]
- b) Discuss the strategies to prevent development of antimicrobial resistance. [5]

**Question Number : 8 Question Id : 32718728721 Question Type : SUBJECTIVE Consider As Subjective : Yes**

**Correct Marks : 10**

- a) Enumerate the complications of Inflammatory Bowel Disease (IBD). [4]
- b) Discuss the treatment of severe Ulcerative Colitis. [4]
- c) Enumerate the novel drugs for the management of IBD. [2]

**Question Number : 9 Question Id : 32718728722 Question Type : SUBJECTIVE Consider As Subjective : Yes**

**Correct Marks : 10**

- a) Describe the causes of Atrial Fibrillation (AF). [3]
- b) Discuss the strategies of management of AF. [4]
- c) Outline the recent advances on Pulsed Field Ablation system for AF. [3]

**Question Number : 10 Question Id : 32718728723 Question Type : SUBJECTIVE Consider As Subjective : Yes**

**Correct Marks : 10**

- a) Describe the classification of autoimmune encephalitis in adults. [3]
- b) Discuss the diagnosis of autoimmune encephalitis. [4]
- c) Briefly discuss its treatment. [3]