

# National Board of Examinations

<b>Question Paper Name :</b>	DNB Microbiology Paper2
<b>Subject Name :</b>	DNB Microbiology Paper2
<b>Creation Date :</b>	2023-04-26 21:36:16
<b>Duration :</b>	180
<b>Share Answer Key With Delivery Engine :</b>	No
<b>Actual Answer Key :</b>	No

## DNB Microbiology Paper2

<b>Group Number :</b>	1
<b>Group Id :</b>	327187815
<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 Microbiology Paper2

<b>Section Id :</b>	327187818
<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>	327187822
<b>Question Shuffling Allowed :</b>	No
<b>Is Section Default? :</b>	null

**Question Number : 1 Question Id : 3271877232 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 disease trends of scrub typhus in India, its laboratory diagnosis and management. [3+5+2]

**Question Number : 2 Question Id : 3271877233 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 10**

- Pathogenic mechanisms and diagnostic approaches of *Helicobacter pylori*. [5]
- Rapid diagnostic techniques for *Mycobacteria*. [5]

**Question Number : 3 Question Id : 3271877234 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 serodiagnosis of syphilis. Describe non-venereal Treponematosi. [7+3]

**Question Number : 4 Question Id : 3271877235 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 epidemiology, pathogenesis and mode of transmission of Leptospirosis. Describe its laboratory diagnosis. [(2+2+2)+4]

**Question Number : 5 Question Id : 3271877236 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 non-sporing anaerobes. Describe the laboratory diagnosis of infections caused by anaerobes. [4+6]

**Question Number : 6 Question Id : 3271877237 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 atypical pneumonia. Enumerate the agents causing atypical pneumonia. Describe the virulence and laboratory diagnosis of this condition. [2+2+(3+3)]

**Question Number : 7 Question Id : 3271877238 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 epidemiology and laboratory diagnosis of Shigellosis. [10]

**Question Number : 8 Question Id : 3271877239 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 10**

a) Histoplasmosis in India and its diagnosis. [2+3]

b) Phaeohyphomycosis and its diagnosis. [5]

**Question Number : 9 Question Id : 3271877240 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 and enumerate oppurtunistic fungal infections. Describe morphology, culture characteristics and pathogenicity of any one agent. [4+6]

**Question Number : 10 Question Id : 3271877241 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 briefly the special staining methods used for detection of fungi. [10]