

National Board of Examinations

Question Paper Name :	DNB Microbiology Paper2
Subject Name :	DNB Microbiology Paper2
Creation Date :	2024-05-16 18:56:48
Duration :	180
Share Answer Key With Delivery Engine :	No
Actual Answer Key :	No

DNB Microbiology Paper2

Group Number :	1
Group Id :	3271871972
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 Microbiology Paper2

Section Id :	3271871975
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 :	3271871979
Question Shuffling Allowed :	No
Is Section Default? :	null

Question Number : 1 Question Id : 32718719332 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 diagnosis, antimicrobial resistance and clinical significance of Non-Tubercular Mycobacteria. [5+3+2]

Question Number : 2 Question Id : 32718719333 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 the beta lactam/ beta lactamase inhibitor combinations. Describe the methods of their antimicrobial susceptibility testing and their importance in patient's treatment. [2+4+4]

Question Number : 3 Question Id : 32718719334 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 briefly on Pneumococcal vaccines. [10]

Question Number : 4 Question Id : 32718719335 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 etiology and laboratory diagnosis of Non gonococcal urethritis. [4+6]

Question Number : 5 Question Id : 32718719336 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 transport and processing of clinical specimen for anaerobic culture and identification of anaerobes. [2+4+4]

Question Number : 6 Question Id : 32718719337 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 and treatment strategies of Candida auris infections. [5+5]

Question Number : 7 Question Id : 32718719338 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

What is Therapeutic drug monitoring for antifungal agents? Briefly describe its utility in clinical microbiology. [6+4]

Question Number : 8 Question Id : 32718719339 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, laboratory diagnosis and treatment of Cryptococcal infections.
[2+4+4]

Question Number : 9 Question Id : 32718719340 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 the agents causing Eumycotic mycetoma. Discuss the status in India. [10]

Question Number : 10 Question Id : 32718719341 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 various Non-culture based methods of diagnosis of invasive fungal infections and their limitations. [7+3]