

National Board of Examinations

Question Paper Name :	DNB Microbiology Paper1
Subject Name :	DNB Microbiology Paper1
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Share Answer Key With Delivery Engine :	No
Actual Answer Key :	No

DNB Microbiology Paper1

Group Number :	1
Group Id :	3271872524
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 Paper1

Section Id :	3271872527
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 :	3271872531
Question Shuffling Allowed :	No
Is Section Default? :	null

Question Number : 1 Question Id : 32718725473 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 various risk factors of infections in ICU? Discuss the methods of control of infection in ICU. [4+6]

Question Number : 2 Question Id : 32718725474 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 quorum sensing. Discuss its role in bacterial virulence. [2+8]

Question Number : 3 Question Id : 32718725475 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 technologies for rapid diagnosis of microbial infections with their merits and demerits. [4+3+3]

Question Number : 4 Question Id : 32718725476 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 strategies for evading immune response by viruses. [10]

Question Number : 5 Question Id : 32718725477 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 principle, uses and advantages of LED microscopy in Microbiology. [4+3+3]

Question Number : 6 Question Id : 32718725478 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) Antimicrobial peptides. [5]

b) Serum sickness. [5]

Question Number : 7 Question Id : 32718725479 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 central line associated blood stream infections (CLABSI). Discuss methods used to diagnose

and prevent CLABSI. [2+(4+4)]

Question Number : 8 Question Id : 32718725480 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 are stem cells? Describe their applications in Microbiology. [5+5]

Question Number : 9 Question Id : 32718725481 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) Antimicrobial stewardship. [5]

b) Management of a blood spill. [5]

Question Number : 10 Question Id : 32718725482 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 and describe the components of standard precautions in a health care setting.

Describe briefly the hand hygiene audit. [5+5]