

National Board of Examinations

Question Paper Name :	DNB Microbiology Paper1
Subject Name :	DNB Microbiology Paper1
Creation Date :	2024-05-15 21:33:52
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Share Answer Key With Delivery Engine :	No
Actual Answer Key :	No

DNB Microbiology Paper1

Group Number :	1
Group Id :	3271871971
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 :	3271871974
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 :	3271871978
Question Shuffling Allowed :	No
Is Section Default? :	null

Question Number : 1 Question Id : 32718725903 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 characteristics of Regulator T cells and elaborate on their role in immunity. [5+5]

Question Number : 2 Question Id : 32718725904 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 Defensins and describe their role in innate immunity. [3+7]

Question Number : 3 Question Id : 32718725905 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction

Time : 0

Correct Marks : 10

Serological diagnosis of infectious diseases – enumerate the methods and describe their advantages and disadvantages. [4+3+3]

Question Number : 4 Question Id : 32718725906 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 catheter associated UTI. Describe the surveillance strategies for catheter and non catheter associated UTI. [2+8]

Question Number : 5 Question Id : 32718725907 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 high level disinfection. Describe various methods and their applications. [1+(4+5)]

Question Number : 6 Question Id : 32718725908 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 principle, methods and applications of isothermal nuclear amplification in Clinical Microbiology. [3+4+3]

Question Number : 7 Question Id : 32718725909 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 role of normal flora in health and disease. [6+4]

Question Number : 8 Question Id : 32718725910 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 Biosafety in microbiology laboratories. [10]

Question Number : 9 Question Id : 32718725911 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 steps to investigate an outbreak in community. [10]

Question Number : 10 Question Id : 32718725912 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 Pathogen recognition receptors (PRR) with examples. [4+6]