

National Board of Examinations

Question Paper Name :	DNB Microbiology Paper4
Subject Name :	DNB Microbiology Paper4
Creation Date :	2021-08-27 20:12:45
Duration :	180
Total Marks :	100
Display Marks:	No

DNB Microbiology Paper4

Group Number :	1
Group Id :	327187340
Group Maximum Duration :	0
Group Minimum Duration :	180
Show Attended Group? :	No
Edit Attended Group? :	No
Break time :	0
Group Marks :	100
Is this Group for Examiner? :	No

DNB Microbiology Paper4

Section Id :	327187343
Section Number :	1
Section type :	Offline
Mandatory or Optional :	Mandatory

Number of Questions :	10
Number of Questions to be attempted :	10
Section Marks :	100
Enable Mark as Answered Mark for Review and Clear Response :	Yes
Sub-Section Number :	1
Sub-Section Id :	327187347
Question Shuffling Allowed :	No

Question Number : 1 Question Id : 3271871921 Question Type : SUBJECTIVE

Correct Marks : 10

Current status of vaccines against COVID-19. [10]

Question Number : 2 Question Id : 3271871922 Question Type : SUBJECTIVE

Correct Marks : 10

Syndromic panel-based testing in clinical microbiology. [10]

Question Number : 3 Question Id : 3271871923 Question Type : SUBJECTIVE

Correct Marks : 10

Discuss bioterrorism and the role of a clinical microbiology laboratory. [5+5]

Question Number : 4 Question Id : 3271871924 Question Type : SUBJECTIVE

Correct Marks : 10

Describe the principle and applications of flowcytometry in clinical microbiology. [5+5]

Question Number : 5 Question Id : 3271871925 Question Type : SUBJECTIVE

Correct Marks : 10

Role of External Quality Assessment in the evaluation of performance of a clinical microbiology laboratory. [10]

Question Number : 6 Question Id : 3271871926 Question Type : SUBJECTIVE

Correct Marks : 10

Discuss briefly about the role of Microbiologist in outbreak investigations. [10]

Question Number : 7 Question Id : 3271871927 Question Type : SUBJECTIVE

Correct Marks : 10

What is CRISPR-Cas system? Describe its utility as a diagnostic tool for infectious diseases. [5+5]

Question Number : 8 Question Id : 3271871928 Question Type : SUBJECTIVE

Correct Marks : 10

Cumulative antibiogram. [10]

Question Number : 9 Question Id : 3271871929 Question Type : SUBJECTIVE

Correct Marks : 10

Describe the current status of mRNA vaccines. [10]

Question Number : 10 Question Id : 3271871930 Question Type : SUBJECTIVE

Correct Marks : 10

Hand hygiene in health care workers (HCWs). [10]