

National Board of Examinations

Question Paper Name :	DNB Microbiology Paper3
Subject Name :	DNB Microbiology Paper3
Creation Date :	2024-10-19 17:56:14
Duration :	180
Total Marks :	100
Display Marks:	No
Share Answer Key With Delivery Engine :	No
Actual Answer Key :	No

DNB Microbiology Paper3

Group Number :	1
Group Id :	3271872832
Group Maximum Duration :	0
Group Minimum Duration :	180
Show Attended Group? :	No
Edit Attended Group? :	No
Break time :	0
Group Marks :	100

DNB Microbiology Paper3

Section Id :	3271872835
Section Number :	1
Section type :	Offline
Mandatory or Optional :	Mandatory
Number of Questions :	10
Number of Questions to be attempted :	10
Section Marks :	100
Maximum Instruction Time :	0
Sub-Section Number :	1
Sub-Section Id :	3271872839
Question Shuffling Allowed :	No

Question Number : 1 Question Id : 32718729604 Question Type : SUBJECTIVE Consider As Subjective : Yes

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. Write briefly on Human Papilloma Virus and its role in oncogenesis. Describe its laboratory diagnosis and preventive measures. [5+5]

Question Number : 2 Question Id : 32718729605 Question Type : SUBJECTIVE Consider As Subjective : Yes

Correct Marks : 10

Describe the current status of drug resistance in Anti-Retroviral Therapy of HIV. Briefly describe the current guidelines for Post Exposure Prophylaxis by NACO with respect to HIV. [5+5]

Question Number : 3 Question Id : 32718729606 Question Type : SUBJECTIVE Consider As Subjective : Yes

Correct Marks : 10

- a) Antirabies prophylaxis. [5]
- b) Antigenic shift and drift in influenza virus. [5]

Question Number : 4 Question Id : 32718729607 Question Type : SUBJECTIVE Consider As Subjective : Yes

Correct Marks : 10

- a) Enumerate congenital viral infections. [5]
- b) Outline the diagnostic pathways to be followed for common congenital viral infection in mother and newborn. [5]

Question Number : 5 Question Id : 32718729608 Question Type : SUBJECTIVE Consider As Subjective : Yes

Correct Marks : 10

- a) Enumerate arboviruses prevalent in India. [5]
- b) Write briefly on epidemiology and control of Arboviruses in India. [5]

Question Number : 6 Question Id : 32718729609 Question Type : SUBJECTIVE Consider As Subjective : Yes

Correct Marks : 10

Classify viruses and discuss in detail the laboratory diagnosis of viral infections. [5+5]

Question Number : 7 Question Id : 32718729610 Question Type : SUBJECTIVE Consider As

Subjective : Yes

Correct Marks : 10

Discuss the epidemiology of malaria in India. What is the current status of malaria vaccines? [5+5]

Question Number : 8 Question Id : 32718729611 Question Type : SUBJECTIVE Consider As

Subjective : Yes

Correct Marks : 10

Write briefly on parasites associated with cancers. [10]

Question Number : 9 Question Id : 32718729612 Question Type : SUBJECTIVE Consider As

Subjective : Yes

Correct Marks : 10

Describe various methods of cultivation for parasites and their applications in clinical microbiology. [10]

Question Number : 10 Question Id : 32718729613 Question Type : SUBJECTIVE Consider As

Subjective : Yes

Correct Marks : 10

Describe the epidemiology, pathogenesis and laboratory diagnosis of cutaneous leishmaniasis. [10]