

# National Board of Examinations

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| <b>Question Paper Name :</b>                   | DNB Microbiology Paper3 |
| <b>Subject Name :</b>                          | DNB Microbiology Paper3 |
| <b>Creation Date :</b>                         | 2024-05-17 19:21:59     |
| <b>Duration :</b>                              | 180                     |
| <b>Share Answer Key With Delivery Engine :</b> | No                      |
| <b>Actual Answer Key :</b>                     | No                      |

## DNB Microbiology Paper3

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|--------------------------------------|------------|
| <b>Group Number :</b>                | 1          |
| <b>Group Id :</b>                    | 3271871973 |
| <b>Group Maximum Duration :</b>      | 0          |
| <b>Group Minimum Duration :</b>      | 180        |
| <b>Show Attended Group? :</b>        | No         |
| <b>Edit Attended Group? :</b>        | No         |
| <b>Group Marks :</b>                 | 100        |
| <b>Is this Group for Examiner? :</b> | No         |
| <b>Examiner permission :</b>         | Cant View  |
| <b>Show Progress Bar? :</b>          | No         |

## DNB Microbiology Paper3

|                         |            |
|-------------------------|------------|
| <b>Section Id :</b>     | 3271871976 |
| <b>Section Number :</b> | 1          |
| <b>Section type :</b>   | Offline    |

|   |            |
|---|------------|
| <b>Mandatory or Optional :</b>                                      | Mandatory  |
| <b>Number of Questions to be attempted :</b>                        | 10         |
| <b>Section Marks :</b>  | 100        |
| <b>Enable Mark as Answered Mark for Review and Clear Response :</b> | Yes        |
| <b>Maximum Instruction Time :</b>                                   | 0          |
| <b>Sub-Section Number :</b>   | 1          |
| <b>Sub-Section Id :</b>   | 3271871980 |
| <b>Question Shuffling Allowed :</b>                                 | No         |
| <b>Is Section Default? :</b>  | null       |

**Question Number : 1 Question Id : 32718719342 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 and treatment strategies of Hepatitis C Virus infections. [5+5]

**Question Number : 2 Question Id : 32718719343 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 various agents causing Congenital viral infections. Describe their methods of diagnosis and clinical significance. [3+5+2]

**Question Number : 3 Question Id : 32718719344 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 methods of Viral Culture and their applications. [6+4]

**Question Number : 4 Question Id : 32718719345 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 vaccines for Rotavirus with special reference to Indian subcontinent. [4+6]

**Question Number : 5 Question Id : 32718719346 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 viral agents causing meningoencephalitis with special reference to India. Describe the pathogenesis and laboratory diagnosis. [5+5]

**Question Number : 6 Question Id : 32718719347 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 Filariasis in India. Describe their morphology and laboratory diagnosis. [5+5]

**Question Number : 7 Question Id : 32718719348 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 Indian scenario of Cutaneous Leishmaniasis. Outline the pathogenesis and laboratory diagnosis. [3+3+4]

**Question Number : 8 Question Id : 32718719349 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 10**

Diagnosis of vector borne parasitic infections. [10]

**Question Number : 9 Question Id : 32718719350 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 Soil transmitted helminths? Describe their diagnosis and control methods. [4+4+2]

**Question Number : 10 Question Id : 32718719351 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 Rapid diagnosis of various protozoal infections. [10]