



OEMB211

Reg. No.

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II Semester B.Sc. (NEP) Degree Examination, October - 2022

MICROBIOLOGY

Environmental Microbiology and Human Health

(CBCS Scheme - 2021 Onwards)

Paper : 2(OET2), MBL302

Time : 2½ Hours

Maximum Marks : 60

Instructions to Candidates:

1. Answer any four questions from each part.
2. Draw diagrams wherever necessary.

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PART - A

I. Write short notes on any **Four**:

(4×2=8)

1. Zooplankatons.
2. Aerosol
3. Public health hygiene
4. Aeromicrobiology
5. Potable water
6. COVID - 19

PART - B

II. Answer any **Four** of the following.

(4×5=20)

7. Write a note on marine microflora.
8. Differentiate between pandemic, endemic and epidemic diseases with examples.
9. List the standard qualities of drinking water.

[P.T.O.]



(2)

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10. Comment on soil pathogens.
11. Write a note on the components of air.
12. What is gastroenteritis? How is it caused? What are its symptoms? How can it be controlled?

PART - C

III. Answer any Four of the following.

(4×8=32)

13. Define soil profile. Explain it with a neat diagram.
14. Explain the distribution of microorganisms in a pond with a neat diagram.
15. Discuss the beneficial microorganisms present in soil.
16. What are communicable disease? How are they transmitted? Comment on their prevention and control.
17. Explain the mode of transmission, pathogenicity and control of any one food borne disease.
18. Discuss the various uses of water.

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