

ED-640

M.Sc. 3rd Semester Examination, March-April 2021

MICROBIOLOGY

Paper - III

Environmental Microbiology

Time : Three Hours]

[Maximum Marks : 80 [Minimum Pass Marks : 16

s.M

Note : Answer **all** questions in which question No.1 is compulsory. All questions carry equal marks.

1. Write notes on the following :

- (i) Airoallergens
- (ii) Drinking and Potable water
- (iii) Symbiotic fungi
- (*iv*) Suberbug

. Explain in detail about Ecosystem.

OR

Write notes on the following:

- (i) Specific habitats
- (ii) Physical factors

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(Turn Over)

(2)

3. Write a brief account on Marine ecosystem.

OR

Write notes on the following:

- (i) Zonation of water ecosystem
- ews.m (ii) Waste water disposal and reclamation
- Explain microbial interactions. 4.

OR

Write notes on the following :

- (i) Heterotrophic potential decomposers and utilizers relationship
- (ii) Biological Nitrogen fixing organisms
- Write on Biodegradation. 5.

OR

Write notes on the following:

(i) Composting

(ii) Treatment of solid wastes

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