

D 70332

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Name.....

Reg. No.....

FIFTH SEMESTER B.Sc. DEGREE EXAMINATION, NOVEMBER 2019

(CUCBCSS—UG)

Microbiology

MBY 5D 02—ENVIRONMENTAL MICROBIOLOGY

Time : Two Hours

Maximum : 40 Marks

Part A

Answer all questions.

Each carries ½ mark.

Fill in the blanks :

1. _____ is the enzyme which helps in nitrogen fixation.
2. The position that an organism occupies in a food chain is called _____.
3. The substances that resist biodegradation are called _____.
4. The term _____ includes the physical space occupied by an organism and also its functional role in the community.
5. The process of synthesis of organic matter by plants from carbon dioxide and water is known as _____.
6. _____ is a mixture of gases produced by the anaerobic breakdown of organic matter.
7. *E.coli* is an example for _____ pollution indicator organism in water.
8. The residue of small droplets left after drying in air is known as _____.
9. Gaseous component of earth is known as _____.
10. Cholera is a _____ borne disease.

(10 × ½ = 5 marks)

Part B

Answer any five questions.

Each carries 2 marks.

Comment on the following :

- | | |
|---------------|-----------------------|
| 11. Food web. | 12. Acid rain. |
| 13. Humus. | 14. Trickling filter. |

Turn over

