



Reg. No. :

Name :

V Semester B.A./B.Sc./B.Com./B.B.A/B.B.A.T.T.M./B.B.A.R.T.M./B.B.M./
B.T.T.M./B.C.A./BBA (AH)/B.S.W./B.A.Afsal UI Ulama

Degree (CBCSS-Reg./Sup./Imp.) Examination, November-2019

(2014 Admn. Onwards)

OPEN COURSE

5D 03 MCB : MICROBES AND ENVIRONMENT

Time : 2 hours

Max. Marks : 20

Answers are to be written only in English

SECTION - AAnswer all the **five** questions.

(5×1=5)

1. Bacteria that can grow at very low temperature are called.....
2. The microbial association in which both the organisms are benefited is called.....
3. Name the semiquantitative test used to detect faecal pollution of water.
4. Liquid waste is called as.....
5. Organisms that have a foreign gene incorporated in its genome are called....

SECTION - BAnswer briefly any **three** questions out of **five**.

(3×2=6)

Comment on the following:

6. Biogeochemical cycle
7. Dissolved oxygen
8. Trickling filter
9. Indicator organism
10. Food web

**SECTION - C**

Answer any **Three** questions out of **five**.

(3×3=9)

11. What are the various drinking water purification methods?
 12. Write briefly about carbon cycle.
 13. Comment on airborne microorganisms.
 14. Write about the chemical factors influencing growth and survival of microbes.
 15. Briefly discuss the global environmental problems like ozone depletion, acid rain and green house effect. List the ways to reduce them.
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