



K20U 1686

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./B.S.W./B.A. Afsal UI Ulama./B.B.A. (A.H.) Degree
(CBCSS – Reg./Sup./Imp.) Examination, November 2020
(2014 Admn. Onwards)

Open Course
5D03 MCB : MICROBES AND ENVIRONMENT

Time : 2 Hours

Max. Marks : 20

Instruction : Answers are to be written only in **English**.

SECTION – A

Answer **all** the **five** questions :

1. Bacteria living at high hydrostatic pressure are called _____
2. Name a symbiotic nitrogen fixing bacteria.
3. Name any one gas responsible for green house effect.
4. BOD of a water sample _____ as its pollution rate increases.
5. Give an example for water borne viral disease.

(5×1=5)

SECTION – B

Answer briefly **any three** questions out of **five** :
Comment on the following :

6. Antagonism.
7. Food chain.
8. Activated sludge process.
9. Biomagnification.
10. Denitrification.

(3×2=6)

P.T.O.

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SECTION – C

Answer **any three** questions out of **five** :

11. What are the major components of an ecosystem ? Explain.
 12. Comment on the methods and need for sanitary examination of water.
 13. What are the major positive interactions seen among soil microbes ? Explain with examples.
 14. Write briefly about nitrogen cycle.
 15. Discuss the steps employed in sewage treatment process. **(3×3=9)**
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