



**K17U 1832**

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 Degree (CBCSS – Reg./Sup./Imp.)**

**Examination, November 2017**

**(2014 Admission Onwards)**

**Open Course**

**5D03MCB : MICROBES AND ENVIRONMENT**

Time : 2 Hours

Max. Marks : 20

**Instruction : Answer to be written only in English.**

**SECTION – A**

Answer **all** the five questions.

1. What are psychrophiles ?
2. What are nif genes ?
3. Name a water borne disease and its causative organism.
4. Name a method for small scale sewage treatment.
5. What is meant by ozone layer ?

**(5×1=5)**

**SECTION – B**

Answer briefly on **any three** questions out of five.

6. Mention the components of ecosystem.
7. Discuss the carbon cycle.
8. Discuss the indicator organisms.
9. What are cesspools ?
10. Discuss green house effect.

**(3×2=6)**

**P.T.O.**

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SECTION – C

Answer any three questions out of five :

11. Describe the ecosystem and its components.
  12. Discuss the positive and negative microbial interactions in soil.
  13. Discuss any two water borne diseases.
  14. Discuss the sewage treatment methods.
  15. Discuss the global environment problems associated with ozone depletion. (3×3=9)
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