



K18U 0130

Reg. No. : SP15CM1R06.....

Name : Ashtara A.P.....

VI Semester B.Sc. Degree (CBCSS – Reg./Supple./Imp.) Examination,  
May 2018

CORE COURSE IN MICROBIOLOGY  
6B16MCB : Sanitation Microbiology  
(2014 Admn. Onwards)

Time : 3 Hours

Max. Marks : 40

SECTION – A

Answer **all** the **four** questions.

1. Chlorine residue permitted in drinking water is
2. Name the bacteria that help the formation of flocks in activated sludge process
3. \_\_\_\_\_ is the principle behind the working of sedimentation tank.
4. Name a methanogenic bacteria (4×1=4)

SECTION – B

Answer very briefly **any seven** questions.

Comment on the following :

5. Sanitation microbiology.
6. Sludge.
7. BOD.
8. Compost.
9. Biogas.

K18U 0130



10. HEPA filter.

11. Windrow composting.

12. Oxidation pond.

13. Septic tank.

14. Garbage.

(7×2=14)

SECTION - C

Write short notes on **any four** of the following :

15. MPN.

16. Indicator bacteria.

17. Sedimentation tanks.

18. Methanogenesis.

19. Air sanitation standards.

20. Sources and types of solid waste.

(4×3=12)

SECTION - D

Answer **any two** of the following :

Write essay on :

21. Air sanitation methods.

22. Solid waste management by landfill and composting.

23. Sewage treatment by biological methods.

24. Water purification methods.

(2×5=10)