

**D.K.M. COLLEGE FOR WOMEN (AUTONOMOUS), VELLORE-1**  
**SEMESTER EXAMINATIONS**  
**APRIL - 2016**  
**ELECTIVE III : MICROBIOLOGY**

**RZO6D**

**Time : 3 Hours**

**Max. Marks: 75**

**SECTION – A (10 x 2 = 20)**

**Answer ALL the questions.**

**Define/ Explain the following.**

1. Microbes.
2. Monera.
3. Autoclave.
4. Continuous culture.
5. Biogas.
6. Rhizobium.
7. Yogurt.
8. Vinegar.
9. Chickenpox.
10. Typhoid fever.

**SECTION – B (5 x 5 = 25)**

**Answer any FIVE of the following questions.**

11. Explain about the scope of microbiology.
12. Write the distinctive features of prokaryotic microorganism.
13. Describe about the selective medium.
14. Explain the role of microorganisms in soil fertility.
15. Describe about the Biofertilizers.
16. Give an account of the spoilage of fish.
17. Explain the symptoms of food poisoning.
18. Give an account on Tuberculosis.

**SECTION – C (3 x 10 = 30)**

**Answer ALL the questions.**

19. (a) Classify protozoans and fungi with examples.  
(Or)  
(b) Explain the methods involved in pure culture.
20. (a) Give an account on the various methods to control microbes.  
(Or)  
(b) Explain the methods of sewage treatment.
21. (a) Explain about the fermentation technology.  
(Or)  
(b) Give an account on Hepatitis and its preventive measures.