

COURSE CODE - 6031002

M.PHIL DEGREE EXAMINATION - JAN 2009

M.PHIL (MICROBIOLOGY)

MICROBIAL TECHNOLOGY

(For Candidate admitted from calendar 2007 on wards)

Time: 3 Hours

Max. Marks: 100

Section - A

Answer all the Questions:

10 X 3 = 30

1. What is fermentation?
2. Write the types of Biofertilizer?
3. What are the enzymes usual airs the production of organic acids?
4. Define fermentors?
5. What are all the alcoholic beverages?
6. What is methanogenesis?
7. Define compositing?
8. Define vaccine?
9. What are effluents?
10. What are the hepatitis vaccines?

Section - B

Answer any FIVE Questions:

5 X 6 = 30

11. Write short note on sterilization?
12. Explain the production of wine?
13. Explain the production of lactic acid?
14. Write short note on SCP?
15. Write short note on Biodegradation?
16. What are recombinant vaccines write the uses?
17. Write note on the types of composting?
18. Explain the types of Bio fertilizer?

Section - C

Answer any TWO Questions:

2 X 20 = 40

19. Write briefly about the production of Vitamin B₁₂?
20. Explain in detail about waste water treatment?
21. Explain in detail about the types of Biofertilizers?.