

**COURSE CODE - 6030802**

**Section - B**

**M.PHIL DEGREE EXAMINATION - JAN 2009**

**Answer any FIVE Questions:**

**5 X 6 = 30**

**M.PHIL (BIO -TECHNOLOGY)**

**ENVIRONMENTAL BIO-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. Define Ecology?
2. Define Bio computing?
3. What is an oscidation pond?
4. What is Vermin culture?
5. What is baker's yeast?
6. What is air pollution?
7. Define activated sludge?
8. Define food-chain?
9. Write note on ecosystem?
10. Define nucleotides?

11. What are the chemical methods uses air waste water treatment?

12. Write short note on cell cycle?

13. Explain food chain and food web?

14. What is molecular mechanics? Explain?

15. Write note on anaerobic digestion?

16. Write note trickling filter method?

17. Write note on bioinsecticides?

18. Explain immune system?

**Section - C**

**Answer any TWO Questions:**

**2 X 20 = 40**

19. Write air detail about the types of composting?

20. Write briefly about the production of alcohol?

21. Explain molecule modeling and molecular mechanics?