

Reg. No .....

Name .....

**18P3627**

**MSc DEGREE END SEMESTER EXAMINATION - OCTOBER 2018**  
**SEMESTER 3 : ENVIRONMENTAL SCIENCE**  
**COURSE : 16P3EVST10 : ENVIRONMENTAL MONITORING AND MANAGEMENT**  
*(For Regular - 2017 Admission & Supplementary - 2016 Admission)*

Time : Three Hours

Max. Marks: 75

**Section A**

**Answer any 10 (2 marks each)**

1. Which are the two general types of environmental auditing?
2. What is meant by Environmental modeling?
3. What is disaster management?
4. Which are the phases of disaster management?
5. What is the origin of the expression "sustainable development"?
6. What is the Scales of Measurement of ecological foot print?
7. Which are the ways to attain a sustainable lifestyle?
8. What are Ramsar sites?
9. What is meant by ecosystem management?
10. Write any four implications of Common Property Resource Management.
11. What are the advantages of modern agriculture technology?
12. What are the advantages of Industrialization?

**(2 x 10 = 20)**

**Section B**

**Answer any 5 (5 marks each)**

13. Write notes on various environmental modeling.
14. What are the functions of the Central Pollution Control Board?
15. Explain the process of risk assessment.
16. Why is sustainable development so often associated with protecting the environment?
17. What is the importance of grassland management?
18. What are the importances of local knowledge on resource management?
19. What are the advantages of traditional and modern agricultural technology?
20. Comment on modern agriculture and green revolution.

**(5 x 5 = 25)**

**Section C**

**Answer any 2 (15 marks each)**

21. Explain Life Cycle Assessment (LCA) and its significance.
22. Enumerate the process of EIA. Explain environmental clearance process in India.

23. What factors influence population trends?
24. How does dominance of man on Earth affect the natural environment?

**(15 x 2 = 30)**