



Environmental Studies

May 18

First Year (Semester 1)

Total marks: 60

Total time: 2 Hours

INSTRUCTIONS

(1) Question 1 is compulsory.

(2) Attempt any **three** from the remaining questions.

(3) Draw neat diagrams wherever necessary.

1(a) What is meant by E-pollution? (3 marks)

1(b) Explain the concept of carbon credit. (3 marks)

1(c) Explain the concept of ecological pyramid. (3 marks)

1(d) Differentiate between conventional and non-conventional. (3 marks)

1(e) Explain food chain. (3 marks)

1(f) Explain causes and effects of Ozone layer depletion. (3 marks)

1(g) Explain the concept of acid rain. (3 marks)

2(a) Explain various modes needed for public awareness to protect earth from environmental degradation. (5 marks)

2(b) Explain need and importance of Environmental studies. (5 marks)

2(c) Explain the classification of ecosystem. (5 marks)

3(a) How electricity is generated by using wind energy? (5 marks)

3(b) State and explain principal, construction and working of flat plate collector used for solar energy. (5 marks)

3(c) What are the limitations of conventional sources of energy? (5 marks)



4(a) What are green buildings? what are the advantages of green structure? (5 marks)

4(b) Discuss various indoor air pollutants? (5 marks)

4(c) What is the role of disaster management? (5 marks)

5(a) Discuss briefly about greenhouse effect? (5 marks)

5(b) What are the main causes of soil degradation (5 marks)

5(c) What are the measures to control the global warming ? (5 marks)

6(a) Discuss the role of 3R in sustainable development. (5 marks)

6(b) How increasing population is exerting extra pressure on land and mineral resource discuss.

(5 marks)

6(c) What do you mean by land filling? Explain briefly. (5 marks)