

M.Sc. Previous (Environmental Science) Degree

Examination, August/September 2008

Directorate of Correspondence Course

Paper – 1 : INTRODUCTION TO ECOLOGY AND ENVIRONMENT
(Freshers)

Time : 3 Hours

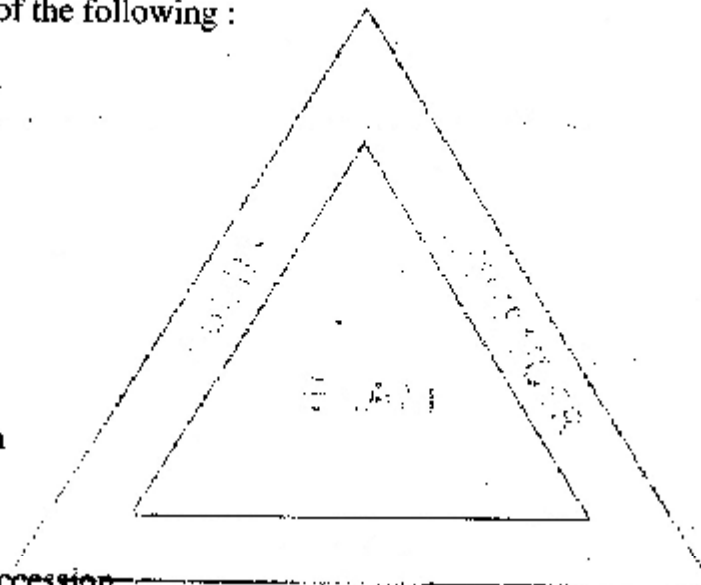
Max. Marks : 85

SECTION – A

Write any FIVE of the following :

(5×2=10)

1. Trophic levels
2. Alpine
3. Natality
4. Plankton
5. Benthos
6. Polymorphism
7. Salinity
8. Ecological Succession.



SECTION – B

Answer any FIVE of the following :

(5×6=30)

9. Differentiate abiotic and biotic factors.
10. What are Ecological Pyramids ?
11. Distinguish tropical rain forest and tundra forest.
12. Describe the trophic system of pond.

P.T.O.



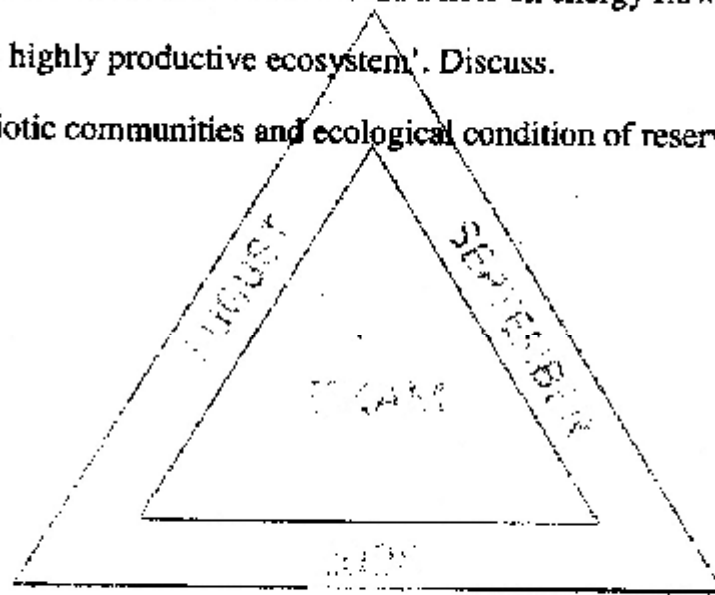
- 13. What is Prey-Predator system ? Give suitable features of marine benthic (communities).
- 14. Write the importance of mangrove vegetation in protecting natural hazards.

SECTION - C

Answer any **THREE** of the following :

(3×15=45)

- 15. Give an account of the major ecosystems of the world with relevant illustrations.
- 16. Describe lentic and lotic water bodies. Add a note on energy flow in them.
- 17. 'Estuaries are highly productive ecosystem'. Discuss.
- 18. Discuss the biotic communities and ecological condition of reservoir ecosystem.

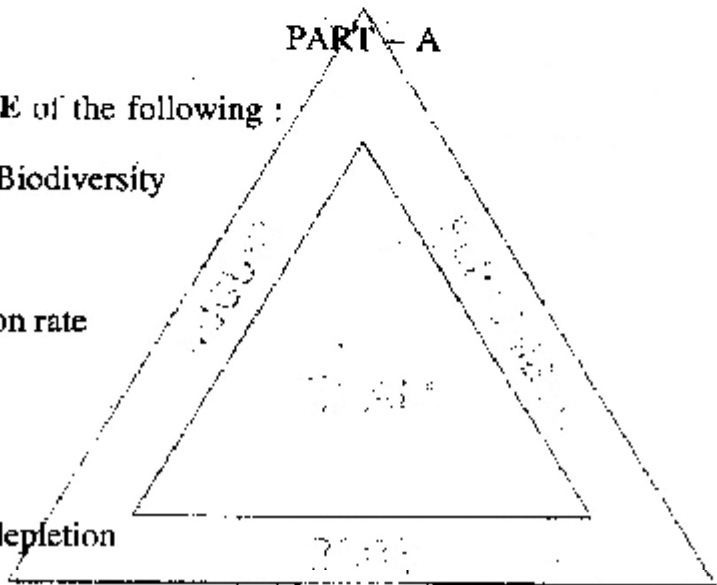


M.Sc. Previous Year (Environmental Science) Degree
Examination, August/September 2008
Directorate of Correspondence Course
Paper – II : BIODIVERSITY AND NATURAL RESOURCE
CONSERVATION AND MANAGEMENT
(Freshers)

Time : 3 Hours

Max. Marks : 85

Note : Answer questions from all Parts.

- PART – A**
- Answer any FIVE of the following : (5×2=10)
1. Hot-spots of Biodiversity
 2. Co-evolution
 3. Mass extinction rate
 4. Beta diversity
 5. Exotic weeds
 6. Ozone layer depletion
 7. National park
 8. World heritage convention.
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PART – B

- Answer any FIVE of the following : (5×6=30)
9. Give an account of conservation of Biodiversity.
 10. Explain erosion of biodiversity. Write the direct and indirect causes.
 11. Give a brief account of Red data book.

P.T.O.



DPA – 530 ENV (F)

M.Sc. Previous Year (Environmental Science) Degree

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Directorate of Correspondence Courses

**Paper – III : OCCUPATIONAL HEALTH HAZARDS CONTROL AND
MANAGEMENT
(Freshers)**

Time: 3 Hours

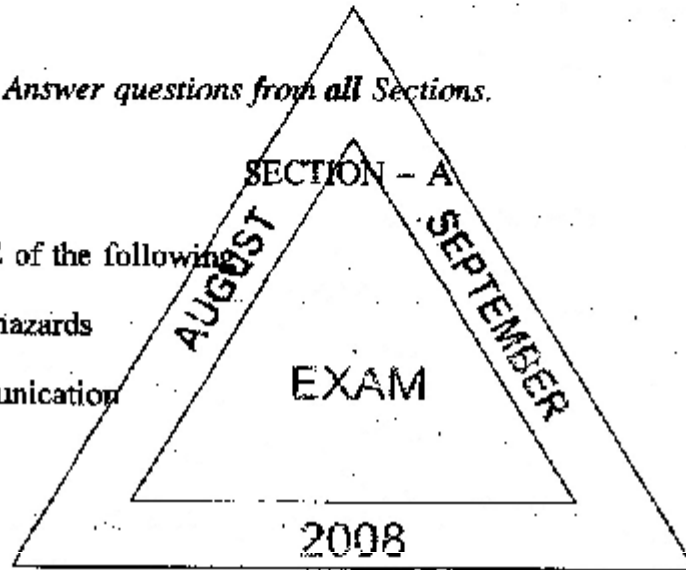
Max. Marks: 85

Note : Answer questions from all Sections.

Answer any FIVE of the following

(5×2=10)

1. Occupational hazards
2. Hazard communication
3. Silicosis
4. Food Poison
5. Disinfection
6. Food contamination
7. Asbestosis
8. Mercury poison.



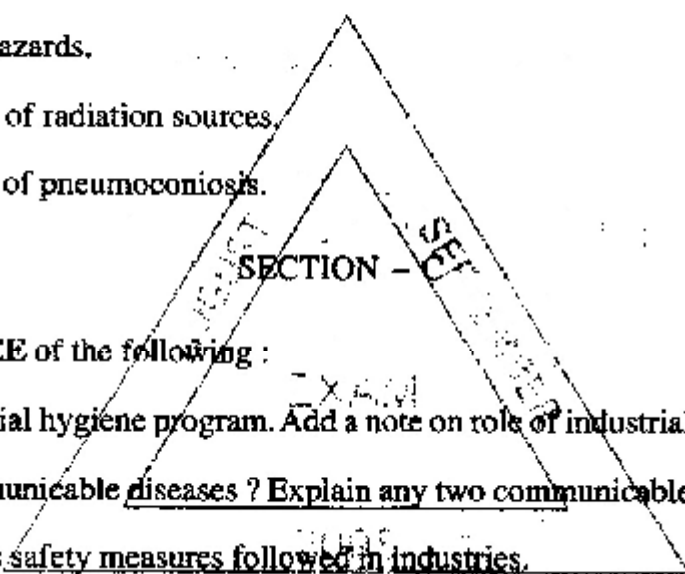
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SECTION - B

Answer any FIVE of the following :

(5×6=30)

9. Write a note on physical hazards.
10. Explain control methods of chemical Hazards.
11. What are radiation monitoring techniques ?
12. Write a note on industrial safety.
13. Explain noise hazards.
14. Give an account of radiation sources.
15. Explain causes of pneumoconiosis.



Answer any THREE of the following :

(3×15=45)

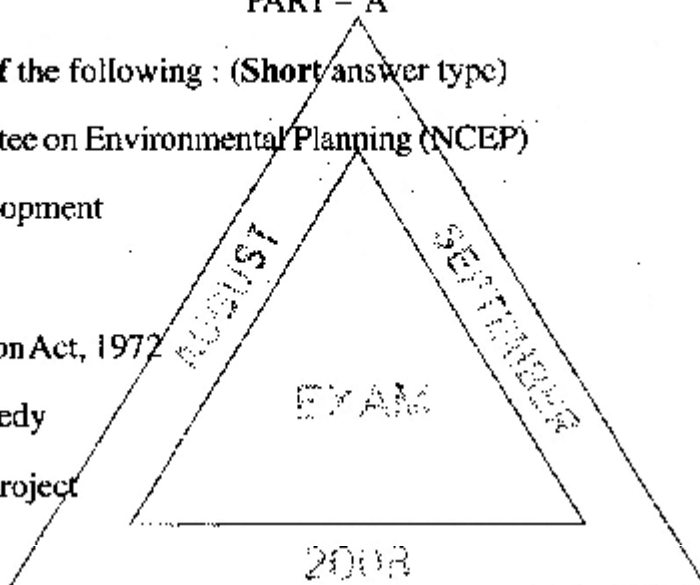
16. Discuss industrial hygiene program. Add a note on role of industrial hygienist.
17. What are communicable diseases ? Explain any two communicable diseases.
18. Discuss various safety measures followed in industries.
19. Describe the types of food poisoning.

First Year M.Sc. (Environmental Science) Degree Examination,
August/September 2008
(Freshers)
Directorate of Correspondence Course
Paper – IV : ENVIRONMENTAL EDUCATION, ENVIRONMENTAL
POLICY AND LEGISLATION

Time : 3 Hours

Max. Marks : 85

Note : Answer questions from all Sections.

- PART – A
- Answer any FIVE of the following : (Short answer type) (5×2=10)
1. National Committee on Environmental Planning (NCEP)
 2. Sustainable development
 3. Ecomark
 4. Wildlife Protection Act, 1972
 5. Bhopal Gas Tragedy
 6. Narmada valley project
 7. Agenda - 21
 8. The Motor Vehicle Act.
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PART – B

- Answer any FIVE of the following : (5×6=30)
9. Briefly explain the importance of environmental education.
 10. Write an account of Environment (Protection) Act, 1986.
 11. Write a short note on aims & objectives of environmental management.

P.T.O.



12. Write a short note on the environmental laws in India.
13. Write a note on Water (Prevention and Control of Pollution) Act.
14. Give an account of constitutional and legislative provisions for the conservation of environment in India.
15. Write the role of NGOs in creating environmental awareness programme.

PART - C

Answer any TWO of the following : (Essay type)

(3×15=45)

16. Discuss the role of mass media in environmental education.
17. Write an essay on environmental problems in India.
18. Describe the role of educational institutes about environmental education.
19. Write an essay on the role of environmental organisations in creating environmental awareness programmes.

