

**GOA UNIVERSITY**  
**G.R.KARE COLLEGE OF LAW**  
**LL.B.(HONS) SEM IV**  
**ENVIRONMENTAL STUDIES**

OCT 2011,

OCT 2010,

APRIL 2010,

OCT 2009,

APRIL 2009,

OCT 2008,

APRIL 2008,

OCT 2007,

APRIL 2007,

B - 22

[Total No. of Questions : 14]



11/10/11  
(Tuesday)

TNY - 73

**LL.B. (Hons.) (Semester - IV) Examination, October - 2011**  
**ENVIRONMENTAL STUDIES**

Duration : 3 Hours

Total Marks : 75

- Instructions : 1) Answer any eight from Q.No. 1 to 12.  
2) Question No. 13 and Q.14 are compulsory.

[8 × 8 = 64]

- Q1) Examine the significance of environmental studies in the wake of development.
- Q2) Briefly discuss the status of environmental components due to human intervention.
- Q3) Conservation of natural resources is essential. Discuss.
- Q4) Discuss the effects of deforestation.
- Q5) Discuss energy resources in details.
- Q6) State the environmental impact of mining.
- Q7) Discuss the impact of modern agriculture.
- Q8) Discuss the causes of land degradation and landslides.
- Q9) Briefly analyse the concept, structure and function of an ecosystem.
- Q10) Define ecological succession. Discuss the types of ecological succession.
- Q11) State the classification of pollutants.
- Q12) Critically evaluate the dynamics of global warming and suggest the measures to reduce the warming of the earth.
- Q13) Answer any two of the following : [2 × 3 = 6]
- Solid waste management.
  - Nuclear pollution.
  - Groundwater pollution.

P.T.O.

Q14) Answer any two of the following :

[2 × 2.5 = 5]

- a) Urban problems related to energy.
- b) Ozone layer depletion.
- c) HIV/Aids.

\*\*\*



TNY - 73

**LL.B. (Hons.) (Semester - IV) Examination, October 2010**  
**ENVIRONMENTAL STUDIES**

Duration: 3 Hours

Total Marks : 75

**Instructions :** 1) Answer any eight questions from Q. No. 1 to 12.

2) Question No. 13 and 14 are compulsory.

(8×8=64)

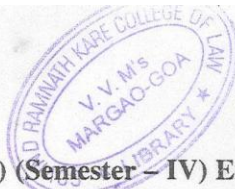
1. Discuss in detail justifying the need for public awareness in environmental concepts.
2. Analyse the prospects and problems of dams on environment.
3. Extracting the mineral resources lead to long term implication on environment. Evaluate the statement with a case study.
4. Evaluate the effects of modern agricultural practices on ecosystem.
5. Define the concept of ecosystem. Examine the various values associated with biodiversity.
6. Explain the structure and functions of an ecosystem.
7. Answer the following :
  - a) Ecological pyramids
  - b) Ecological succession
8. Examine the causes of water pollution. Mention the measures we can adopt to curb water pollution.
9. Discuss the human actions causing extinction of species.
10. Evaluate the causes and consequences of air pollution in India.

P.T.O.





11. Critically evaluate the dynamics of global warming and suggest some measure to reduce heating of the earth.
12. Explain disaster management components with reference to earthquakes and cyclones.
13. Answer **any two** of the following : (2×3=6)
- a) Resettlement and rehabilitation of people affected in a government project
  - b) Insitu conservation
  - c) Ozone layer depletion.
14. Answer **any two** of the following : (2×2.5=5)
- a) Hot spots of biodiversity
  - b) Urban problems related to enegy
  - c) Waste land reclamation.



19/4/20

TNY - 73

LL.B. (Hons.) (Semester - IV) Examination, April 2010

ENVIRONMENTAL STUDIES

Duration: 3 Hours

Total Marks: 75

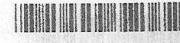
**Instructions:** 1) Answer **any eight** questions from Q. No. 1 to 12.

2) Q. No. 13 and 14 are **compulsory**.

1. Define the concept of environment and discuss the need for public awareness in environmental concepts. (8×8=64)
2. Critically analyse the problems and benefits of dam on earth resources.
3. Overutilization of water resources lead to long term implication on environment. Evaluate the statement with a case study.
4. Evaluate the effects of modern agricultural practices on ecosystem.
5. Define ecosystem. Examine the productive and consumptive values of biodiversity.
6. Analyse any one type of ecosystem in detail.
7. Answer the following :
  - a) Food chains and food web with examples
  - b) Ecological succession.
8. Examine the causes of air pollution. Mention the measures we can adopt to curb water pollution.
9. Discuss the human actions causing extinction of species.
10. Evaluate the causes and consequences of air pollution in India.
11. Discuss ozone layer depletion and global warming.
12. Explain disaster management components with reference to earthquakes and floods.

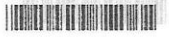
P.T.O.





13. Answer **any two** of the following : (6=3=6)
- a) Waste land reclamation
  - b) Conservation of biodiversity
  - c) Rain water harvesting.

14. Answer **any two** of the following : (5=2.5=5)
- a) Hot spots of biodiversity
  - b) Urban problems related to energy
  - c) Waste lands.



TNY - 73

LL.B. (Hons.) (Sem. - IV) Examination, October 2009  
ENVIRONMENTAL STUDIES

Duration : 3 Hours

Total Marks : 75

*Instructions : 1) Answer any eight questions from Q.No. 1 to 12.  
2) Q.No.13 and 14 are compulsory.*

(8×8=64)

1. The study of the environment is inherently all-encompassing. Explain in detail.
2. Discuss with case studies the value of mega-dams in ensuring food security in India.
3. Acquisition of land for development activities has led to a shortage of land for farming activities. Evaluate this statement.
4. Write a note on the following :
  - a) Biomes
  - b) Food chain in a lake ecosystem.
5. Explain the importance of estuaries for the fishing industry.
6. Examine the validity of the statement that the greater the biodiversity, the richer the nation.
7. Answer the following :
  - a) Man-animal conflicts.
  - b) Poaching of wildlife.
8. The signing of the nuclear deal with the United States by India will help incorporate international safeguards in our existing nuclear plants, which are suspected to be extremely lax in this regard.
9. Soil erosion is among the worst kinds of soil pollution. Examine this statement with special reference to India.

P.T.O.





10. Answer the following :
- a) Importance of rain-water harvesting.
  - b) Authorities under Forest (Conservation) Act, 1980.
11. Explain the powers conferred on the central Government by the environment (protection) Act, 1986 to prevent pollution and take steps to protect the environment.
12. How can we convert our huge population into a great national asset ?
13. Answer **any two** of the following : (2×3=6)
- a) Over-protection of endangered species.
  - b) The relationship between human rights and environmental protection.
  - c) Resettlement and rehabilitation of project affected people.
14. Answer **any two** of the following : (2×2.5=5)
- a) Sustainable use of wood and wood products.
  - b) The positive effects of global secession on environmental protection.
  - c) Role of information technology in environmental protection.
- \_\_\_\_\_
- a) Man-animal conflicts.
  - b) Poaching of wildlife.
8. The signing of the nuclear deal with the United States by India will help incorporate international safeguards in our existing nuclear plants, which are suspected to be extremely lax in this regard.
9. Soil erosion is among the worst kinds of soil pollution. Examine this statement with special reference to India.



TNY - 73

LL.B. (Hons.) (Semester – IV) Examination, April 2009

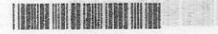
**ENVIRONMENTAL STUDIES**

Duration: 3 Hours Total Marks: 75

- Instructions:** 1) Answer any eight questions from Q. No. 1 to 12.  
2) Questions no. 13 and 14 are compulsory.

1. Give a detailed account of why it is necessary to undertake environmental studies in India. (8×8=64)
2. Mega dams and irrigation projects are much more harmful than useful. Analyze with the help of case studies.
3. How has population explosion in India impacted the availability of land for agriculture and housing? Evaluate.
4. Write a note on the following :
  - a) Inability of natural scavengers to decompose most man-made waste.
  - b) Vermiculture as a method to convert biodegradable waste to manure.
5. What do you understand by desert ecosystem? How can we protect our wetland ecosystems ?
6. Many bio-diversity rich nations have taken their natural wealth for granted. How far do you agree with this statement? Discuss.
7. Answer the following :
  - a) Bio-diversity hot spots
  - b) In-situ and ex-situ conservation.
8. Explain the impact of marine pollution upon the environment.
9. Define air pollution. Explain the impact of noise pollution on human health and the measures initiated to prevent, control and reduce it.
10. Answer the following :
  - a) Loop-holes under Water enactment
  - b) Functions of State Pollution Control Boards under the Water Act, 1974.

P.T.O.



11. It is imperative to have 33% of land in any nation covered by forests, in order to have a balanced environment. Examine this statement with case studies.
12. The Wildlife Authorities in India have miserably failed in protecting our national animal, the tiger. Do you feel we need another approach for tiger conservation ?
13. Answer **any two** of the following : **(2×3=6)**
- Ozone layer depletion
  - Solid waste management
  - Consumerism and environmental damage.
14. Answer **any two** of the following : **(2×2.5=5)**
- Contamination of groundwater by fertilizers and pesticides.
  - Renewable energy resources
  - e-waste like computers, CDs, hard disks.



LL.B. (Hons.) Semester - IV Examination, 2008  
ENVIRONMENTAL STUDIES

Duration : 3 Hours

Total Marks : 75

Instructions : 1) Answer any eight questions from Q. No. 1 to 12.  
2) Question No. 13 and 14 are compulsory.

(8×8=64)

1. Mention in detail the scope and significance of environmental studies in India.
2. Analyze the problems associate with the construction of dams and reservoir with the help of case study.
3. Critically analyze the importance of land as resource and mention the factors responsible for shortage of land.
4. Write a note on the following :
  - a) Energy flow in ecosystem
  - b) Forest eco system.
5. What is grass land ecosystem ? Discuss various types, causes and methods to conserve grass lands in Indian context.
6. Define the concept and importance of Biodiversity. Examine the various values associated with biodiversity.
7. Answer the following :
  - a) India as a meg biodiversity nation
  - b) Threats to biodiversity.
8. Explain the causes, effects and control measures of Nuclear pollution with suitable case studies.
9. Define soil pollution. Mention the effects and control measures relating to soil pollution with special reference to India.

P.T.O.



10. Answer the following :

a) Importance of forest conservation

b) Authorities under Air (Prevention and Control of Pollution) Act, 1981.

11. 'Environmental pollution affects human health'. Discuss in detail the various kinds of health hazards and measures to control such diseases.

12. Explain the important causes and effects of water pollution. Mention the various methods to conserve water with case studies.

13. Answer **any two** of the following :

(2×3=6)

a) Climate change

b) Floods

c) Information technology and environment.

(2×2.5=5)

14. Answer **any two** of the following :

a) Endangered species in India

b) Effects of noise pollution

c) Land slides





2nd

TNY - 73

**LL.B. (Hons.) (Semester - IV) Examination, April 2008**  
**ENVIRONMENTAL STUDIES**

Duration : 3 Hours

Total Marks: 75

**Instructions :** a) Answer any eight questions from Q. No. 1 to 12.

b) Question No. 13 and 14 are compulsory.

(8×8=64)

1. Define the concept environment. 'Environmental studies are multidisciplinary in approach'. Do you agree ? Discuss.
2. Critically analyze the importance, and problems we have to face in respect of natural resources with reference to forest and water resources.
3. Discuss the importance of energy resources. Critically explain the new and renewable resources of energy.
4. Answer the following :
  - a) Structure and functions of ecosystem
  - b) Environmental ethics
5. Analyze the different types, characteristic features and functions of forest ecosystem.
6. "Biodiversity deals with the degree of nature's variety in the biosphere'. Examine the various kinds of variety observed in species.
7. Answer the following :
  - a) Methods of conservation of Biodiversity
  - b) India as a mega-diversity nation
8. Examine the importance, effects of soil pollution. Mention the measures we can adopt to control soil pollution.
9. Define thermal pollution. Explain the cause, effects and measure to control thermal pollution to water course.

P.T.O.





10. Answer the following :
- Composition of State Pollution Control Board under Water Act
  - Causes and effects of air pollution
11. Critically analyze the importance and the effects global warming. Mention the role can be played by us in controlling global warming.
12. 'Population growth is responsible for water and land pollution'. Elaborate the statement and mention the problems relating to population explosion.
13. Answer **any two** of the following : (2×3=6)
- Biosphere
  - Earthquakes
  - Food web
14. Answer **any two** of the following : (2×2.5=5)
- Drought
  - Stratosphere
  - Endangered species.

LL.B. (Hons.) (Semester - IV) Examination, 2007  
ENVIRONMENTAL STUDIES

Duration : 3-Hours

Total Marks : 75

**Instructions:** a) Answer any eight questions from Q. No. 1 to 12.  
b) Question No. 13 and 14 are compulsory.

1. Mention in detail the use, problems and methods of control water resources on this earth in Indian context. (8×8=64)
2. Examine in brief the characteristics, features, structure and functions of aquatic eco system.
3. Critically analyze the idea of climate change. Explain the causes, effects and methods to control climate change.
4. Write a note on the following :
  - a) Food resources
  - b) Concept of environment.
5. Analyze the causes, effects and control measures of air pollution with suitable case studies.
6. Examine the various values of biodiversity. Mention in detail different threat available to Indian biodiversity system.
7. Answer the following :
  - a) Need for water conservation.
  - b) Methods of water harvesting.
8. Explain the concept of waste land reclamation. Discuss the effects and various methods in reclamation of waste land.
9. The problem of over population has an impact on over extraction of resources. Examine the above statement with special reference to India.

P.T.O.

10. Answer the following :
- a) Importance of Wild Life Protection Act.
  - b) Authorities under Water (Prevention and Control of Pollution) Act, 1974.
11. 'Environment related issues affect our health'. Discuss in detail the various kinds of health hazards and measures to control such kind of diseases.
12. Explain the effects and measures to control disaster management in reference to earthquakes and cyclones.
13. Answer **any two** of the following : (2×3=6)
- a) Importance of environmental studies
  - b) Renewable resources
  - c) Non bio degradable substances.
14. Answer **any two** of the following : (2×2.5=5)
- a) Endemic species in India.
  - b) Ecological pyramid.
  - c) Land slides.



**LL.B. (Hons.) (Semester - IV) Examination, April 2007**  
**ENVIRONMENTAL STUDIES**

Duration : 3 Hours

Total Marks: 75

**Instructions:** a) Answer any eight questions from Q. No. 1 to 12.  
b) Question No. 13 and 14 are compulsory.

(8×8=64)

1. To what extent India is treated as mega bio diversity nation ? Explain the various values of biodiversity.
2. Explain in detail the various kinds of natural resources. Mention the associated problems in conservation of natural resources.
3. 'Man is dependent upon different spheres for his survival on this earth', Specify the various spheres and its importance to human beings.
4. Answer the following :
  - a) Ecological succession
  - b) Renewable resources.
5. Discuss the different kinds, characteristic features and functions of forest ecosystem.
6. Critically examine the importance, effects and measures to control soil pollution in the present Indian context.
7. Answer the following :
  - a) Importance of forest cover.
  - b) Environment and human health.
8. Analyze the variation in population growth from time to time. Examine the various effects to human beings and methods to control population growth.
9. Define concept global warming. Explain the various causes, effects and preventive measures in controlling global warming.

P.T.O.

10. Answer the following :
- a) Value based education and environment
  - b) Conservation of biodiversity.
11. 'Water is the most important element for human survival and there is a need to conserve water'. Explain the importance of water and the methods to conserve water.
12. Critically analyze the composition of pollution control boards for prevention and control of air pollution under Air Act, 1981.
13. Answer **any two** of the following : (2×3=6)
- a) Ex situ conservation of biodiversity
  - b) Acid rain
  - c) Define the term smog.
14. Answer **any two** of the following : (2×2.5=5)
- a) Endemic species
  - b) Food chain
  - c) Renewable resources of energy.

