



[4091] – 21

P.G.D.E.M. (Semester – II) Examination, 2011
202 : NATURAL RESOURCE MANAGEMENT
(2005 Pattern) (Old)

Time : 3 Hours

Max. Marks : 60

*Instructions: 1) Answer **any four** questions.*
*2) **All** questions carry **equal** marks.*

1. Write an essay on 'Tribals and Forests' in the background of massive deforestation.
2. Describe the different measures and importance of wild life conservation.
3. Discuss the energy requirement scenario in the developing countries and its consequences on environment.
4. Explain the need and importance of Fresh water fish culture.
5. Describe soil as basic natural resource. Add a note on desertification.
6. Write notes on **any two** of the following :
 - a) Social forestry
 - b) Ecotourism
 - c) Rain water Harvesting.

B/II/11/45



[4091] – 23

P.G.D.E.M. (Semester – II) Examination, 2011
204 : ENVIRONMENTAL MANAGEMENT SYSTEM
(2005 Pattern) (Old)

Time : 3 Hours

Max. Marks : 60

Instructions : i) Attempt any four questions.
ii) All questions carry equal marks.

1. Explain in brief the evolution of EMS.
2. Briefly outline the principle of Rio declaration on environment and development.
3. Give an account of local Agenda – 21.
4. With respect to ISO 14001, explain the significance of – DEMINGS and PDCA.
5. Write notes on – CSR and WTO.
6. Write notes on **any two** of the following :
 - a) Accountability 1000
 - b) Triple E bottom line
 - c) Objectives of ISO 14001.



[4091] – 31

P.G.D.E.M. (Semester – III) Examination, 2011
301 : ENVIRONMENTAL POLLUTION
(2005 Pattern) (Old)

Time : 3 Hours

Max. Marks : 60

*Instructions: 1) Attempt **any four** questions.
2) **All** questions carry **equal** marks.*

1. Define Air pollution. Explain Green House Effect and its significance.
2. Explain how noise is measured. Add note on effects and control measures of Noise pollution.
3. Describe causes and effects of soil pollution.
4. What is sewage pollution; explain its effect on flora and fauna.
5. Explain Ozone layer depletion and Algal bloom.
6. Write notes on **any two** of the following :
 - a) Insolation
 - b) Acid rain
 - c) Disposal of garbage.

B/II/11/45



[4091] – 33

P.G.D.E.M. (Semester – III) Examination, 2011
303 : ENVIRONMENTAL IMPACT ASSESSMENT AND AUDIT
(2005 Pattern) (Old)

Time : 3 Hours

Max. Marks : 60

N.B : i) Answer **any four** questions.
ii) **Legible** writing must.

1. Explain the importance of cost benefit and risk analysis in the decision making process of multipurpose project. **15**
2. Explain the concept and objectives of EIA in developing countries. Give examples. **15**
3. What are the qualities required for Environmental Auditor with reference to statutory environmental Audit ? **15**
4. Define Planning. Explain environmental management planning. Give examples. **15**
5. Explain the role of 'Public Participation' in environmental assessment. Give examples. **15**
6. Write short notes (**any two**) : **15**
 - a) Water Budgeting
 - b) Pollution Audit
 - c) Regional Planning.



[4091] – 41

P.G.D.E.M. (Sem. IV) Examination, 2011
401 : OCCUPATIONAL HEALTH, SAFETY AND
ENVIRONMENTAL HAZARDS
(2005 Pattern) (Old)

Time : 3 Hours

Max. Marks : 60

Instructions : i) Attempt **any four** questions.
ii) **All** questions carry **equal** marks.

1. Describe with suitable examples environmental hazards associated with urbanization.
2. Explain how housing influence ones health with suitable examples.
3. Describe the causes and control measures of Dengue.
4. Discuss the concept of occupational health hazards. Add a note on safety measures.
5. Describe industrial accidents and their means of prevention.
6. Write notes on **any two** of the following :
 - A) Chemical hazards
 - B) Job safety analysis
 - C) Water pollution.



[4091] – 22

P.G.D.E.M. (Semester – II) Examination, 2011
203 : ENVIRONMENTAL MANAGEMENT TECHNIQUE – II
(2005 Pattern) (Old)

Time : 3 Hours

Max. Marks : 60

Instructions : i) Answer **any four** questions.
ii) **All** questions carry **equal** marks.

1. Explain in detail the generation of computers with their basic characteristics.
2. Define and explain the term 'Operating System' and explain its role in detail.
3. a) What is high level language, discuss its limitations and advantages ?
b) Write note on DBMS.
4. Define flow chart. Explain its advantages.
5. A survey of 100 families has been carried out to understand the feasibility of biogas plant in a tahsil. How M.S. Excel can be used to document the data regarding;
 - i) number of cattle
 - ii) number of Milch animals
 - iii) area under rabbi crop
 - iv) area under Kharif crop ?Write the steps to compute average and standard deviation of each variable.
6. Write notes on **any two** of the following :
 - a) I/O devices
 - b) CPU
 - c) Use of GIS for Environmental Studies.



[4091] – 32

P.G.D.E.M. (Semester – III) Examination, 2011
302 : DISASTER MANAGEMENT
(2005 Pattern) (Old)

Time : 3 Hours

Max. Marks : 60

Instructions : i) Answer **any four** questions.

ii) *All questions carry equal marks.*

1. Define Environmental Hazards. Explain terrestrial hazards and the anthropogenic causes compounding the problem.
2. Describe in detail the preventive measures with respect to industrial disasters.
3. Explain the importance of disaster management plan in an event of epidemic like Dengue.
4. Discuss the significance of Disaster planning and safety regulations.
5. Describe the role of Social organizations in case of natural calamities.
6. Write notes on **any two** of the following :
 - a) Mitigation strategy
 - b) Public Liability Insurance Act
 - c) Forest fire.

B/II/11/45



[4091] – 43

P.G.D.E.M. (Semester – IV) Examination, 2011
404 : ENVIRONMENTAL PROMOTION MANAGEMENT
(2005 Pattern) (Old)

Time : 3 Hours

Max. Marks : 60

*Instructions : i) Attempt **any four** questions.*

*ii) All questions carry **equal** marks.*

1. Explain the outcome of “Rio Earth Summit” with respect to global environmental Issues.
2. Give an account of the efforts taken to promote Environment Management at International level.
3. Discusses a case study illustrating “Sardar Sarovar Project”.
4. Describe Green Marketing and its advantages with suitable examples.
5. Discuss need and importance of Environmental Education in India.
6. Write notes on **any two** of the following :
 - a) UNEP
 - b) ENVIS
 - c) Green movements.



[4091] – 42

P.G.D.E.M. (Semester – IV) Examination, 2011
402 : ENVIRONMENTAL POLICY AND LEGISLATION
(2005 Pattern) (Old)

Time : 3 Hours

Max. Marks : 60

*Instructions: 1) Attempt **any four** questions.*
*2) **All** questions carry **equal** marks.*

1. What are the provisions in the directive principles of state policy for environmental protection ?
2. What are the powers and functions of Central Board according to Water (Prevention and Control of Pollution) Act of 1978 ?
3. State the particular provisions of Environmental Protection Act related to management and handling of hazardous waste.
4. Enlist measures suggested for the prevention, control and abatement of environmental pollution, under Factory Act.
5. Describe the Public Liability Insurance Act 1991.
6. Write notes on **any two** of the following :
 - A) Functions of State Pollution Board
 - B) Forest Act
 - C) Criminal Procedure Code of Nuisance.

B/II/11/45