

Total No. of Questions : 8]

[Total No. of Printed Pages : 1

[3883]-101

P. G. D. E. M. (Semester - I) Examination - 2010
PRINCIPLES AND PRACTICES OF MANAGEMENT
(New 2008 Pattern)

Time : 3 Hours]

[Max. Marks : 70

Instructions :

- (1) Answer **any five** questions.*
 - (2) All questions carry equal marks.*
-
-

Q.1) Explain the term Management. Explain Fayol's Principles of Management.

Q.2) Define Planning. Explain different types of Plans.

Q.3) Explain different types and functions of Management.

Q.4) Explain various elements involved in Decision-making.

Q.5) Explain in detail Selection Procedure.

Q.6) Define Organising. Explain different Organisation Levels in detail.

Q.7) Discuss different Sources of Recruitment.

Q.8) Write short notes : **(Any Two)**

- (a) Budgetary Control
- (b) Systems of School Management
- (c) Controlling
- (d) Relationship of Appraisal and Reward

[3883]-101/1

Total No. of Questions : 6]

[Total No. of Printed Pages : 1

[3883]-102

P. G. D. E. M. (Semester - I) Examination - 2010
DATA COLLECTION, ANALYSIS AND REPORTING
(New 2008 Pattern)

Time : 3 Hours]

[Max. Marks : 70

Instructions :

- (1) Answer *any four* questions.
 - (2) All questions carry equal marks.
-
-

- Q.1)** What is meant by Classification and Presentation of Data ? Illustrate how data can be represented with the help of graphs ? (at least two types)
- Q.2)** What are the Parameters of Dispersion ? Compute measures of Dispersion for a set of 10 observation values of your choice.
- Q.3)** Explain with proper examples how relationship between any two variables can be shown with the help of scatter diagram and regression line ?
- Q.4)** Discuss how Binomial Probability Distribution can be useful in Environmental Studies.
- Q.5)** What is meant by Sampling ? Explain different Methods of Sampling used in Data Collection.
- Q.6)** Write notes : **(Any Two)**
 - (a) Central Tendency
 - (b) Chi-square Test
 - (c) Fish Bone Diagram
 - (d) Hypothesis

Total No. of Questions : 8]

[Total No. of Printed Pages : 1

[3883]-103

P. G. D. E. M. (Semester - I) Examination - 2010

INTRODUCTION TO ENVIRONMENT MANAGEMENT

(New 2008 Pattern)

Time : 3 Hours]

[Max. Marks : 70

Instructions :

- (1) Answer *any five* questions.
- (2) All questions carry equal marks.

Q.1) Explain Responsibility of 'Pollution Control Board'. Give examples.

Q.2) Explain :

- (a) Impact of Carbon Dioxide
- (b) Usage of 'Internet' for Environment Protection

Q.3) What are the various sub-systems within environment surrounding which have impact on Business ? Explain any two.

Q.4) Explain, why Software Packages are used in MIS and GIS ? Give examples.

Q.5) Explain Command and Control Regime with examples.

Q.6) Explain important inclusion in Annual Report of Ministry of Environment and Forest.

Q.7) Explain Concept of Disaster Management and its Mitigation.

Q.8) Write short notes : **(Any Two)**

- (a) Notification Bill
- (b) Utility of Gazette
- (c) Fundamental Rights and Duties
- (d) 74th Amendment of the Constitution Pertaining to Local Government

Total No. of Questions : 6]

[Total No. of Printed Pages : 1

[3883]-104

P. G. D. E. M. (Semester - I) Examination - 2010

INTRODUCTION TO ENVIRONMENT

(New 2008 Pattern)

Time : 3 Hours]

[Max. Marks : 70

Instructions :

- (1) Attempt **total four** questions.*
- (2) Figures to the right indicate full marks.*

Q.1) Explain Concept of Levels of Organisation in Nature with suitable examples. **[20]**

OR

Q.2) Describe types of Environment. Add a note on methods and importance of Study. **[20]**

Q.3) Give an Account of Structure and Function of Atmosphere. **[20]**

OR

Q.4) Discuss Human Impact on Climate with appropriate examples. **[20]**

Q.5) Describe role of Technology in Environmental Disorders. **[20]**

Q.6) Write notes on **any two** of the following : **[10]**

- (a) Hydrosphere
- (b) Natural Selection
- (c) Properties of Soil

[3883]-104/1

Total No. of Questions : 5]

[Total No. of Printed Pages : 1

[3883]-105

P. G. D. E. M. (Semester - I) Examination - 2010

ENVIRONMENTAL LEGISLATION

(New 2008 Pattern)

Time : 3 Hours]

[Max. Marks : 70

Instructions :

- (1) Attempt **total four** questions.
- (2) Question No. 5 is compulsory.
- (3) Figures to the right indicate full marks.

-
-
- Q.1)** Give an account of provisions for Protection of Environment in the Constitution of India. **[20]**
- Q.2)** Describe role of State Pollution Control Board in implementing Environmental Acts. **[20]**
- Q.3)** Give an account of Water (Prevention and Control of Pollution) Act and the Corresponding Rules. **[20]**
- Q.4)** Describe Procedure for Obtaining Authorisation for Collection, Storage and Disposal of Hazardous Waste as per Hazardous Waste (Management and Handling) Rule, 1989. **[20]**
- Q.5)** Write notes : **(Any Two)** **[10]**
- (a) Bhopal Gas Leak Case
 - (b) Importance of Environmental Legislations
 - (c) Notification of Industrial Accidents

[3883]-105/1

Total No. of Questions : 6]

[Total No. of Printed Pages : 2

[3883]-11

P. G. D. E. M. (Semester - I) Examination - 2010

ENVIRONMENTAL MANAGEMENT TECHNIQUES - I

(Old 2005 Pattern)

Time : 3 Hours]

[Max. Marks : 60

Instructions :

- (1) Attempt *any four* questions.
- (2) All questions carry equal marks.
- (3) Use of calculator and statistical tables is allowed.

Q.1) Explain the terms Class-boundaries, Class-width, Upper and Lower Limits. Illustrate with examples classification of numeric values in both the series.

Q.2) Compute Parameters of Dispersion for the following values regarding tree density in number of trees per 100 sq.m. for 10 sample observations.

Tree Density : 18, 20, 3, 15, 30, 8, 9, 21, 6, 12

Q.3) Differentiate between Pearson's and Spearman's Method of computing Correlation Coefficient. Obtain value of 'r' for the given data using any one method :

X	3	5	6.8	7.9	12	18	21.3	14	16	12
Y	10	9	8.2	6.5	5.2	2.5	1.2	3.2	4.2	5

Q.4) Illustrate procedure to obtain 10% sample villages from a set of 156 villages from Junnar Tehsil. Explain how the Principle of Forced Dispersion can be adopted ?

Q.5) Prepare a Scattergram and insert a Regression Line for the following data :

X	10	15	16	18	20	23	25	28	30	32
Y	5	9	18	26	25	28	12	30	35	40

Q.6) Write notes : (Any Two)

- (a) Chi-square Test
 - (b) Normal Distribution
 - (c) Central Tendency
-

Total No. of Questions : 6]

[Total No. of Printed Pages : 1

[3883]-12

P. G. D. E. M. (Semester - I) Examination - 2010

BUSINESS ENVIRONMENT AND GOVERNMENT POLICY

(Old 2005 Pattern)

Time : 3 Hours]

[Max. Marks : 60

Instructions :

- (1) *Solve **any four** questions.*
 - (2) *All questions carry equal marks.*
-
-

Q.1) Discuss various Sub-systems of Business Environment and describe impact of any two on the business.

Q.2) Describe any three Fundamental Rights enjoyed by the Citizens of India.

Q.3) (A) State procedure of functioning of the Parliament related to the Bill becoming an Act.

(B) How rules are notified / gazetted ?

Q.4) Give salient features of Indian Banking System.

Q.5) Give an account of Economic and Industrial Liberalisation and its impact on Environment.

Q.6) Write short notes : **(Any Two)**

- (a) Functioning of the Ministry of Environment and Forest
 - (b) Globalisation
 - (c) International Legislation on Environment
-

[3883]-12/1

Total No. of Questions : 6]

[Total No. of Printed Pages : 1

[3883]-13

P. G. D. E. M. (Semester - I) Examination - 2010

INTRODUCTION TO ENVIRONMENT

(Old 2005 Pattern)

Time : 3 Hours]

[Max. Marks : 60

Instructions :

- (1) Attempt **any four** questions.*
- (2) All questions carry equal marks.*

Q.1) Explain role of technology in Environmental Disorders with suitable examples. Add a note on depletion of Natural Resources.

Q.2) What are the types of Environments ? Elaborate significance of Environmental Study.

Q.3) Give a General Account of Environment with emphasis on Lithosphere.

Q.4) Describe impact of Human Agencies on Climate with examples.

Q.5) Explain how Environmental Management could be an important tool in realising sustainable development ?

Q.6) Write notes on **any two** of the following :

- (a) Hydrological Cycle
- (b) Tropic Structure
- (c) Soil Erosion

Total No. of Questions : 6]

[Total No. of Printed Pages : 1

[3883]-203

P. G. D. E. M. (Semester - II) Examination - 2010

ENVIRONMENTAL POLLUTION AND DISASTER MANAGEMENT

(New 2008 Pattern)

Time : 3 Hours]

[Max. Marks : 70

Instructions :

(1) Attempt total four questions.

(2) Figures to the right indicate full marks.

Q.1) Describe Ozone Layer Depletion and its impact on plants and animals. [20]

OR

Q.2) Elaborate on the concept of Recycling of Waste Materials and Generating. [20]

Q.3) Define Noise Pollution. Describe sources and impact of Noise Pollution. [20]

OR

Q.4) Describe provisions for Industrial Safety and Health in Factories Act. [20]

Q.5) What are Epidemics ? Explain Management of Epidemics like Dengue. [20]

Q.6) Write notes on any two of the following : [10]

(a) Disaster Planning

(b) Violence at Work Place

(c) Effluent Treatment Plant

[3883]-203/1

Total No. of Questions : 6]

[Total No. of Printed Pages : 1

[3883]-204

P. G. D. E. M. (Semester - II) Examination - 2010

**ENVIRONMENTAL ECONOMICS AND
INDIAN ENVIRONMENTAL SCENARIO**

(New 2008 Pattern)

Time : 3 Hours]

[Max. Marks : 70

Instructions :

- (1) Attempt **total four** questions.*
- (2) Figures to the right indicate full marks.*

Q.1) Describe WTO. Add a note on Green GDP. **[20]**

OR

Q.2) Give an account of Green Peace Movement, its origin and objectives. **[20]**

Q.3) Discuss Sardar Sarovar Dam Controversy. **[20]**

OR

Q.4) Explain with examples Green Supply Chain Management. **[20]**

Q.5) Discuss Earth Summit. Add a note on Rio-declaration. **[20]**

Q.6) Write notes on **any two** of the following : **[10]**

- (a) Eco Designing
- (b) WWF
- (c) Central Pollution Control Board

[3883]-204/1

Total No. of Questions : 6]

[Total No. of Printed Pages : 1

[3883]-21

P. G. D. E. M. (Semester - II) Examination - 2010

NATURAL RESOURCE MANAGEMENT

(Old 2005 Pattern)

Time : 3 Hours]

[Max. Marks : 60

Instructions :

- (1) Attempt **any four** questions.
- (2) All questions carry equal marks.

Q.1) Explain Concept of National Parks and Sanctuaries with suitable example.

Q.2) Describe Concept of Forest Management and its need.

Q.3) Describe Conventional Sources of Energy and their ecological significance.

Q.4) Describe Soil as a Basic Natural Resource. Add a note on its formation and composition.

Q.5) Describe Inland Water Resources and their economic potential with respect to Fish Farming.

Q.6) Write notes on **any two** of the following :

- (a) Rain Water Harvesting
- (b) Wind Energy
- (c) Social Forestry

[3883]-21/1

Total No. of Questions : 6]

[Total No. of Printed Pages : 1

[3883]-22

P. G. D. E. M. (Semester - II) Examination - 2010

ENVIRONMENTAL MANAGEMENT TECHNIQUES - II

(Old 2005 Pattern)

Time : 3 Hours]

[Max. Marks : 60

Instructions :

- (1) Attempt **any four** questions.*
 - (2) All questions carry equal marks.*
-
-

Q.1) Describe various tools used in MS-Word. Illustrate procedure to use it for saving a document.

Q.2) Describe Input and Output Devices and their significance.

Q.3) Explain Windows-95 Operating System. Add a note on its advantages.

Q.4) Describe role of Internet in Environmental Studies.

Q.5) What is GIS ? Explain its importance in Environmental Studies.

Q.6) Write notes on **any two** of the following :

- (a) RAM
 - (b) Evolution of Computers
 - (c) Power Point Presentation
-

[3883]-22/1

Total No. of Questions : 6]

[Total No. of Printed Pages : 1

[3883]-23

P. G. D. E. M. (Semester - II) Examination - 2010

ENVIRONMENTAL MANAGEMENT SYSTEM

(Old 2005 Pattern)

Time : 3 Hours]

[Max. Marks : 60

Instructions :

- (1) Attempt **any four** questions.*
 - (2) All questions carry equal marks.*
-
-

Q.1) Explain Concept of Sustainable Development from Stockholm to Rio.

Q.2) Give an Overview of Local Agenda-21.

Q.3) Explain in brief the evolution of EMS.

Q.4) Give a detailed account of SA 8000.

Q.5) Enumerate salient features of ISO 14001.

Q.6) Write notes on :

- (a) TQM
 - (b) WTO
 - (c) TRIPS
-

Total No. of Questions : 6]

[Total No. of Printed Pages : 1

[3883]-31

P. G. D. E. M. (Semester - III) Examination - 2010

ENVIRONMENTAL POLLUTION

(Old 2005 Pattern)

Time : 3 Hours]

[Max. Marks : 60

Instructions :

- (1) Attempt **any four** questions.*
 - (2) All questions carry equal marks.*
-
-

Q.1) What is Plume Behaviour ? Explain its importance with respect to Dispersal of Air Pollutants.

Q.2) Explain Green House Effect and its significance with suitable examples.

Q.3) Describe Algal Bloom. Explain how it affects Water Quality ?

Q.4) Describe physical, chemical and biological characteristics of Potable Water as per WHO.

Q.5) Describe causes and effects of Soil Pollution.

Q.6) Write notes on **any two** of the following :

- (a) Composition of Atmosphere
- (b) Bio-accumulation
- (c) Acid Rain

[3883]-31/1

Total No. of Questions : 6]

[Total No. of Printed Pages : 1

[3883]-32

P. G. D. E. M. (Semester - III) Examination - 2010

DISASTER MANAGEMENT

(Old 2005 Pattern)

Time : 3 Hours]

[Max. Marks : 60

Instructions :

- (1) Attempt any four questions.*
 - (2) All questions carry equal marks.*
-
-

Q.1) Give an account of Social Organisations and their importance in Epidemics.

Q.2) Describe Atmospheric Hazards like Cyclones and Hurricanes.

Q.3) Give account of Industrial Disasters, their types and preventive measures.

Q.4) Explain importance of Disaster Management and Mitigation Strategy.

Q.5) Describe causes and control measures of Epidemic like Plague.

Q.6) Write notes on **any two** of the following :

- (a) Public Liability Insurance Act
 - (b) Disaster Remedial Planning
 - (c) Earthquakes
-

[3883]-32/1

Total No. of Questions : 6]

[Total No. of Printed Pages : 1

[3883]-33

P. G. D. E. M. (Semester - III) Examination - 2010
ENVIRONMENTAL IMPACT, ASSESSMENT AND AUDIT
(Old 2005 Pattern)

Time : 3 Hours]

[Max. Marks : 60

Instructions :

- (1) Attempt *any four* questions.
- (2) All questions carry equal marks.

-
-
- Q.1)** What are the Essential Qualities of an Environmental Auditor ? Explain with reference to Statutory Environmental Audit.
 - Q.2)** Write a detailed note on salient features of ISO 14001.
 - Q.3)** What are the objectives of 'EIA' in developing countries ? Give examples.
 - Q.4)** Explain Concept of 'WTO', with reference to Commodity Market of Agricultural Sector.
 - Q.5)** Explain in brief sustainable development from Stockholm to Johansburg.
 - Q.6)** Write short notes : **(Any Two)**
 - (a) UNEP
 - (b) BOD and COD
 - (c) Public Consultation Programmes

Total No. of Questions : 6]

[Total No. of Printed Pages : 1

[3883]-41

P. G. D. E. M. (Semester - IV) Examination - 2010

**OCCUPATIONAL HEALTH, SAFETY AND
ENVIRONMENTAL HAZARDS**

(Old 2005 Pattern)

Time : 3 Hours]

[Max. Marks : 60

Instructions :

- (1) Attempt any four questions.*
 - (2) All questions carry equal marks.*
-
-

Q.1) Describe causes and control measures of Malaria.

Q.2) Explain how Social Environment is responsible for the Health of an Individual ?

Q.3) Describe with suitable example Environmental Hazards associated with Industrialisation.

Q.4) Discuss Relevance of Working Environment with Health.

Q.5) Explain types and causes of Industrial Accidents. Add a note on Safety Measures.

Q.6) Write notes on **any two** of the following :

- (a) Occupational Diseases
 - (b) AIDS
 - (c) Air Pollution
-

[3883]-41/1

Total No. of Questions : 6]

[Total No. of Printed Pages : 1

[3883]-42

P. G. D. E. M. (Semester - IV) Examination - 2010

ENVIRONMENTAL POLICY AND LEGISLATION

(Old 2005 Pattern)

Time : 3 Hours]

[Max. Marks : 60

Instructions :

- (1) Attempt **any four** questions.
- (2) All questions carry equal marks.

-
-
- Q.1)** Explain how Constitution of India ensures Environmental Protection ?
 - Q.2)** Explain with example how provisions of Air Act are useful in Environment Management.
 - Q.3)** Explain Environment Protection Rules of 1993 with respect to Environmental Standard.
 - Q.4)** Discuss Bhopal Gas Leak Case and its importance in Environmental Management.
 - Q.5)** Describe Hazardous Waste Rules of 1989 and its Amendments of 2003.
 - Q.6)** Write notes on **any two** of the following :
 - (a) Motor Vehicles Act
 - (b) Importance of Environmental Legislation
 - (c) Responsibilities of Central Pollution Control Board

Total No. of Questions : 6]

[Total No. of Printed Pages : 1

[3883]-43

P. G. D. E. M. (Semester - IV) Examination - 2010

ENVIRONMENTAL PROMOTION MANAGEMENT

(Old 2005 Pattern)

Time : 3 Hours]

[Max. Marks : 60

Instructions :

*(1) Attempt **any four** questions.*

(2) All questions carry equal marks.

Q.1) Explain Outcome of 'Rio Earth Summit' with respect to Global Environmental Issues.

Q.2) Give an account of the efforts made to promote Environment Management at International Level.

Q.3) Discusses a case study illustrating 'Sardar Sarovar Project'.

Q.4) Describe Green Marketing and its advantages with suitable examples.

Q.5) Discuss need and importance of Environmental Education in India.

Q.6) Write notes on **any two** of the following :

(a) UNEP

(b) ENVIS

(c) Green Movements