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Total Number of Pages : 02

IMBA
16IMN205

2nd Semester Regular / Back Examination 2018-19

ENVIRONMENTAL STUDIES

BRANCH : IMBA

Max Marks : 100

Time : 3 Hours

Q.CODE : F882

Answer Question No.1 (Part-1) which is compulsory, any EIGHT from Part-II and any TWO from Part-III.

The figures in the right hand margin indicate marks.

Part- I

Q1 Only Short Answer Type Questions (Answer All-10)

(2 x 10)

- Define the term environment.
- Write two major objectives of environmental studies.
- How is man-made environment different from natural environment?
- What is natural disaster?
- What is the purpose of setting up State Pollution control Board?
- What is eco-mark? Give two examples of such products.
- Name three important pieces of legislations for controlling pollution.
- What is Bio-diversity?
- Define forest eco system.
- What is environmental audit?

Part- II

Q2 Only Focused-Short Answer Type Questions- (Answer Any Eight out of Twelve)

(6 x 8)

- Why is environmental awareness mandatory for all people of the society?
- Explain the role of NGOs for creating environmental awareness among people.
- Discuss the future threat to the availability of fresh water.
- What are the pros and cons of constructing dams over rivers in India?
- What are the main causes of soil-erosion? How can it be prevented?
- Write a note on desertification.
- What is fossil fuel and what are the harmful effects of the combustion of fossil fuel?
- Distinguish between renewable and non-renewable sources of energy.
- What is a food chain? Describe its role in the eco-system.
- Write a short note on sources of water pollution and effects of water pollution on human health.
- Write a note on climate change.
- Discuss the environmental problems faced by people in your area.

Part-III

Only Long Answer Type Questions (Answer Any Two out of Four)

- Q3** Discuss in detail the types and components of environment. What should be done to check environmental degradation in our country? (16)
- Q4** Write measures to control Air pollution and water pollution in Odisha. (16)
- Q5** Explain the national environmental policy. (16)
- Q6** Write short note on TWO of the following : (8 x 2)
- a) ISO 14000
 - b) Green Industry.
 - c) Recent Cyclone Fani.

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IMBA
16IMN205

2nd Semester Regular Examination 2017-18

ENVIRONMENTAL STUDIES

BRANCH : IMBA

Time : 3 Hours

Max Marks : 100

Q.CODE : C1041

Answer Q.1 and Q2 which are compulsory and any four from Part-B.

The figures in the right hand margin indicate marks.

Answer all parts of a question at a place.

Q1 Fill in the blanks for the following questions: (2 x 10)

- a) The term of natural environment is the sum total of -----
- b) EIA stands for-----
- c) The death of the last individual of a species is called
- d) POP stands for-----.
- e) A natural phenomenon that becomes harmful due to pollution is ----
- f) -----is the primary pollutant of air.
- g) The main source of water in India is -----
- h) The most useful method of solid waste disposal is -----
- i) The wastes that can be decomposed by natural process is known as -----
- j) Floods are caused by ----- (construction of mega dams / cutting forests)

Q2 Explain the following concepts / terms: (2 x 10)

- a) Global Warming
- b) Radio active wastes
- c) Environmental friendly products
- d) Water shed management
- e) Environmental ethics
- f) Eco labelling
- g) Green Industry
- h) SPCB - its roles
- i) Natural disaster
- j) Landslides its impact

Q3. Define environment. What are the various components of environment? (15)
Why do we need a healthy environment?

Q4. Discuss the ill effects and adverse impact of urbanization and industrial waste on people and society. (15)

Q5. What is environmental Management System? Describe the need and (15)

importance of ISO14000 as an important management system tool an organization has to adopt.

Q6. What is pollution? Describe the various kinds of pollution. What measures should be taken to arrest such pollution? **(15)**

Q7. What are the various steps taken by Ministry of Forest and Environment, Government of India to make people aware of the environmental degradation and its management? **(15)**

Q8. Write short notes on the following; **(5 x 3)**

- a) Control of soil pollution
- b) Sources of water pollution
- c) Effects of air pollution

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IMBA
16IMN205

2nd SEMESTER REGULAR EXAMINATION 2016-17
ENVIRONMENTAL STUDIES

Branch: IMBA

Time: 3 Hours

Max Marks: 100

Q.CODE:Z1203

Answer Question No.1 and 2 which is compulsory and any four from the rest.
The figures in the right hand margin indicate marks.

Q1 Answer the following questions: (2 x 10)

- a) Which of the following is an indicator of air pollution?
 - a) Lichens.
 - b) Algae.
 - c) Cycas.
 - d) Bryophytes.
- b) Which of the following fuels causes minimum environmental pollution?
 - a) coal
 - b) hydrogen
 - c) diesel
 - d) kerosene
- c) Green house effect means
 - a) Cultivation of crops in green house to conserve heat
 - b) Trapping of solar energy due to carbon dioxide gases
 - c) Trapping of solar energy by earth upper surface
 - d) Increase of heat due to atmospheric pollution
- d) What does "Ozone layer" absorb?
 - a) g-rays
 - b) x-rays
 - c) infra red rays
 - d) ultra violet rays
- e) "Kyoto protocol", an agreement signed by various countries, is associated with
 - a) international trade
 - b) deep sea oil and mineral exploration
 - c) clean environment and climate change
 - d) Building common food stock to save human beings from any natural disaster.
- f) Acceptable "Noise pollution level" in India range between:
 - a) 16-35 dec
 - b) 40-45 dec
 - c) 70-100 dec
 - d) 10-15 dec

g) Which of the following series is true about energy flow in an ecosystem?

- a) producers-decomposers-consumers
- b) decomposers-producers-consumers
- c) producers-consumers-decomposers
- d) consumers-producers-decomposers

h) What is Bio-diversity?

- a) Many types of flora and fauna in one forest
- b) Many types of flora and fauna in many forests
- c) Many population of one species in one forest
- d) All the above

i) The Environment includes

- a) Abiotic factors
- b) Biotic factors
- c) Oxygen and Nitrogen
- d) Biotic and Abiotic factors

j) To conserve coral reefs, the GOI declared one of the following as Marine park

- a) Gulf of Mannar
- b) Andaman islands
- c) Gulf of Kutch
- d) Lakshadweep islands

Q2

Answer the following questions:

(2x10)

What are natural resources?

What do you mean by Ex-situ and In-situ conservation?

What is nuclear pollution?

What do you mean by ozone depletion and ozone depleting substances?

When and why Environment (protection) Act was put into force?

What do you mean by Air pollution? Name some air pollutants.

Which part of plant evaporates water?

What do you mean by bio-degradable waste?

What is the basic role of State pollution control Board?

What do you mean by Environment Audit?

Q3

Define Eco system. Explain the structure and structural components of an ecosystem.

(15)

Q4

Write a detailed note on the problems arising out of over exploitation of forest resources and discuss the ways in which improper land planning and land use can be damaging to the environment.

(15)

Q5

Define Air pollution and explain the various sources of primary and secondary air pollutants and its effect on environment.

(15)

Q6

What is Green house effect? Explain how human activity has resulted in increased emissions of green house gases?

(15)

Q7

Define Biodiversity. Classify the types of biodiversity and give different services that are contributed in various ways by it.

(15)

Q8

Explain Environment Impact Statement (EIS) and Environment Management Plan (EMP).

(15)