MODEL QUESTION PAPER
TED- (10)2003
SIXTH SEMESTER DIPLOMA EXAMINATION IN ENGINEERING/TECHNOLOGY

ENVIRONMENTAL SCIENCE AND DISASTER MANAGEMENT

(Maximum marks: 100)

(Time: 3hrs)

PART-A
I (Answer the following questions in one or two sentences. Each carries '2' marks)
1. What is a food web?
2. Give the different sources of   energy?
3. What is Estuaries?
4. List of sources of thermal pollution?
5. What is Flood mitigation?

(5 x 2=10)

PART-B
II (Answer any five of the following questions. Each question carries '6' mark)

1. List the different factors that effect the soil erosion.
2. Give the impact of mining on environment and human being.
3. Explain the different types of ecological pyramid.
4. List the characteristics of a forest ecosystem.
5 List the effect of radioactive pollution on environment.
6. Write short notes on ozone layer depletion.
7. Distinguish between environmental hazard anemd disaster?

(5x6=30)

PART-C

(Answer one full question from each unit. Each question carries '15' mark)
MODULE-1
III   a) Explain the role of an individual in conservation of natural resources.   (8)
    b) Give the effects of deforestation on environment.   (7)
                                OR
IV   a) Explain the effect of modern agriculture technology on environment.   (8)
    b) List the advantages of dams.   (7)

MODULE-11
V   a) Explain structure and of an ecosystem?   (8)
    b) Give the characteristics of desert ecosystem.   (7)
                                OR
VI   a) Write echological pyramid.   (8)
    b) Give the characteristics of forest ecosystem.   (7)

MODULE-111

VII   Explain
    a) Effects and control measures of water pollution.   (8)
    b) Various methods of solid waste management.   (7)

OR

VIII   Explain
    a) Write short notes on noise pollution   (6)
    b) Explain the different measures to control air pollution   (9)

UNIT-IV

IX   a) Explain the three stages of disaster management?   (9)
    b) Wite down the causes of the disaster due to nuclear explotion.   (6)

OR

X   Write short notes on the following
    a) Bhopal Gas Tragedy.   (5)
b) Hazard zonation maps.   (5)
    c) Effects of land slide.   (5)