

DIPLOMA EXAMINATION IN ENGINEERING/TECHNOLOGY/MANAGEMENT/
COMMERCIAL PRACTICE – NOVEMBER -2020.

ENVIRONMENTAL SCIENCE AND DISASTER MANAGEMENT

(Maximum Marks : 100)

[Time : 3 hours]

PART-A
(Maximum marks: 10)

Marks

I. Answer **all** questions in one or two sentences. Each question carries 2 marks.

1. What is water logging?
2. List the basic components of environment.
3. What is food chain?
4. What is water pollution?
5. What is lightning?

(5x2=10)

PART - B
(Maximum Marks : 30)

II Answer any **five** of the following questions . Each question carries 6 marks.

1. Write the mineral resources and their uses.
2. Explain the various factors affecting an eco system.
3. Write short notes on major biological components in terms of energy flow.
4. What are the sources of pollution?
5. Write the causes of fire and prevention from fire.
6. What are the biological effects of radioactive substances in human beings?
7. Write various uses of wood.

[5x6 =30]

PART - C
(Maximum marks : 60)
(Answer one full question from each unit. Each full question carries 15 marks)

UNIT I

III (a) Explain water resources and its uses. (8)

(b) Explain land resources. (7)

OR

IV (a) Explain impacts of mining. (7)

(b) Write short notes on (i) Soil erosion (2) Desertification. (8)

UNIT- II

V (a) Explain forest eco system. (8)

(b) Explain major biomes. (7)

OR

VI (a) Explain grass land eco system. (7)

(b) Explain ecological succession. (8)

UNIT- III

VII (a) Explain different methods for the control of air pollution. (8)

(b) Describe noise pollution. (7)

OR

VIII (a) Explain soil pollution. (7)

(b) Describe waste management. (8)

UNIT – IV

IX (a) Explain land slides. (6)

(b) Explain emerging approaches in disaster management. (9)

OR

X (a) Describe about tsunamis. (7)

(b) Describe the protection measures from damage to buildings. (8)
