



TED (15) –3001

Reg. No.....

(REVISION — 2015)

Signature .....

DIPLOMA EXAMINATION IN ENGINEERING/TECHNOLOGY/  
MANAGEMENT/COMMERCIAL PRACTICE — OCTOBER, 2017

**ENVIRONMENTAL SCIENCE AND DISASTER MANAGEMENT**

[Time : 3 hours

(Maximum marks : 100)

PART — A

(Maximum marks : 10)

Marks

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

1. List any two renewable energy sources.
2. Define ecology.
3. Define smog.
4. Draw a food chain.
5. List any two classification of disaster.

(5×2 = 10)

PART — B

(Maximum marks : 30)

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

1. What you meant by biome ?
2. Write a note on desertification.
3. Draw a food web.
4. Describe radioactive contamination.
5. Explain briefly floods, fires and drought.
6. How the nuclear power plant disaster effect environment.
7. List the renewable energy sources.

(5×6 = 30)

PART — C

(Maximum marks : 60)

(Answer *one* full question from each unit. Each full question carries 15 marks.)

UNIT — I

- III (a) What are the problems due to deforestation ? 7
- (b) Write about renewable and non renewable sources of energy. 8

OR



	Marks
IV (a) What are the control measures of land degradation ?	7
(b) Write causes of flood and draught.	8
UNIT — II	
V (a) Write notes on producers, consumers, decomposers with example.	7
(b) Briefly explain the characteristic of forest ecosystem.	8
OR	
VI (a) Illustrate the effect of urbanisation.	7
(b) Differentiate the types of ecosystem with example.	8
UNIT — III	
VII (a) "HEAT islands". Explain with reasons and its bad effects.	7
(b) Enumerate the reasons for global warming and briefly explain.	8
OR	
VIII (a) List Man made reasons of water pollution. Explain	7
(b) What are the different methods to dispose solid waste ?	8
UNIT — IV	
IX (a) Define disaster and explain its types.	7
(b) Explain the management plan for preventing transportation accidents.	8
OR	
X (a) Name and explain new emerging approach in disaster management.	7
(b) List different rules and acts related to disaster management.	8

---