

TED (15) -3001

Reg. No	
Signature	

(REVISION - 2015)

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.
 - Define ecology.
 - 3. Define smog.
 - 4. Draw a food chain.
 - 5. List any two classification of disaster.

 $(5 \times 2 = 10)$

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.

 $(5 \times 6 = 30)$

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

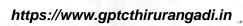
(b) Write about renewable and non renewable sources of energy.

8

OR

[15]

P.T.O.





			Marks
IV	(a)	What are the control measures of land degradation?	7
	(b)	Write causes of flood and draught.	8
		Unit — II	4.4
	(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