

EVIS	SION — 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. $(5 \times 2 = 10)$			
	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.)

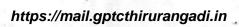
UNIT - I

III (a) What are the problems due to deforestation?

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

8

OR





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