Time: 3 Hours

Maximum Marks: 75

## END TERM EXAMINATION

SECOND SEMESTER [B.TECH] JUNE-JULY 2023 Subject: Environmental Studies Paper Code: EMES-112

Tunte	: 3 H	ours this compulsor	ту.
No	ote: A	Attempt five questions in all including Q.No.1 which is compulsor Select one question from each unit. Assume missing data.	3.
01	1	(3x5	=15)
Q1		mpt any five questions.	
	a)	Write short note on Ecological Pyramids.	
	b)	What are the causes of habitat loss? Give some examples.	
	c)	How does the energy flow across an ecosystem?	
	d)	Distinguish between Primary and secondary air pollutants	
	e)	How can you expand food resources?	
	f)	Briefly describe the steps to prevent a landslide.	
	g)	What are the hotspots of biodiversity?	
	h)	Define human rights.	
		UNIT-I	(5)
	- \	What are producers? Discuss their role in the environment.  What are producers? What type is the control of the	
Q2	a)		(5)
	b)	What distinguishes a desert?  plants and animals are found in a desert?  plants and ecosystem divers	ity.(5)
		- La magninos () guildad T	
	c)	OR OR I with along with sui	itable
		Explain the meanings of OR  Explain the concept of food chain and food web along with suit of the concept of food chain and food web along with suit of the concept of food chain and food web along with suit of the concept of food chain and food web along with suit of the concept of food chain and food web along with suit of the concept of food chain and food web along with suit of the concept of food chain and food web along with suit of the concept of food chain and food web along with suit of the concept of food chain and food web along with suit of the concept of food chain and food web along with suit of the concept of food chain and food web along with suit of the concept of the concept of food chain and food web along with suit of the concept of the conce	(8)-
Q3	a)	diagram.  Why biodiversity is important for people? State the major three	ats to
		diagram.	(7)
	b)	Why blodiversal	
		biodiversity	
		UNIT-II  Distinguish between renewable and non-renewable source	es of
		hetween renewable and non renewable	(5)
Q4	a)	Distinguish between renewable and energy with suitable examples energy with suitable examples and its potential as alternative sour Describe solar energy and its potential as alternative sour prith reference of India.	ce or
Q.,	,	energy Willi suitant and its polential	(5)
	b)	Describe solar criteria. Describe solar criteria of dams.	(3)
	D,	energy with the major environments	(5)
	c)	D'-01166 [[[[[0]]]]]	(5)
	C)	Discuss briefly the may  OR  Discuss the causes and effects of deforestation.  What are the problems and effects of modern agriculture?  What are the problems are its drought? Why does it occur?	(5)
	(a)	Discuss the causes and effects of modes	(-,
Q5	a)	What are the problems and effects What are the problems and effects What is drought? Why does it occur?	
	b)	tillat is uio-o	(5)
	c)	TINIT-111 1	(5)
		UNIT-III  Describe types and application of mineral resources.  Describe types and application of water pollution? Discuss.  That are the major sources of water pollution of solid was	stes.(5)
		Describe types and appropriate of water political and recycling of solid water political and rec	
Q6	a)	Describe types and application of mineral resources.  What are the major sources of water pollution? Discuss.  What are the major sources and recycling of solid was a down some methods for reuse and recycling of solid was a down some methods.	
-	וט	Describe types and application of mineral resources.  What are the major sources of water pollution? Discuss.  Write down some methods for reuse and recycling of solid was	_
	c)	AATIO	P.T.O.

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		OR	
Q7	Write	short notes on any three of the followings: (3x)	5=15)
	a)	Global worming .	•
	b)	Photochemical smog	
	c)	Acid rain	
	d)	Plastics and marine pollution	
		UNIT-IV	
Q8	a)	Population and environment are interconnected. Explain.	(=)
	b)	What do you mean by climate change? How does it originate?	(5)
	c)	Write a note on depletion of ozone layer.	(5)
		OR	(5)
Q9	a)	What do you know about Kyoto Protocol? Discuss.	(5)
	b)	Explain the role of government and non-government organizate	ions
		in public awareness on environmental protection	(5)
	b)	Describe two case studies related to the air pollution in India.	(5)
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