H.T NO.				MLR15

Code No: A10012

features.

b) What are the Major threat to biodiversity

MLR INSTITUTE OF TECHNOLOGY

(Autonomous Institute)

II B. Tech I Sem Supplementary Examinations, January-2017

	(MECH)	
Note:	 This question paper contains two parts A and B. Part A is compulsory which carries 25 marks. Answer all Questions in part A. Part B consists of 5 units. Answer any one full question from each unit. Each question carries 10 marks and may have a, b, c, as sub questions 	
	PART-A	
1.	a) What is an eco-system explain	2M
	b) Define Biodiveristy. Explain genetic diversity	2M
	c) What is Environmental Management Plan?d) Explain about solar harvesting devices	2M 2M
	e) Distinguish the term Food chain and Food web	2M
	c) Distinguish the term 1 ood chain and 1 ood web	2111
2.	/ 1	3M
	b) Discuss the basic characteristics of green Building	3M
	c) What is ozone layers depletion? And explain the causes of ozone layer deple	
	d) What do you mean by Deforestation? Discuss its causes.	3M 3M
	e) Enumerate the various causes and effects of floods	3M
2	PART-B	53.4
3.	a) Explain the acid rain and its impacts.b) Explain with the neat diagram "Nitrogen cycle that occurs in nature"	5M 5M
	b) Explain with the heat diagram Tylerogen eyele that occurs in hattie	J1 V1
	OR	
4.	a) Describe the carbon, phosphorous and nitrogen cycle with neat diagram	6M
	b) List the renewable and non-renewable sources of energy	4M
5.	a) What is mineral and explain the impact of mining on forest eco-system	6M
	b) what is soil erosion? What are the various causes of soil erosion?	4M
	OR	
6.	a) What do you mean by "Natural Resources" state its kinds and explain major	
	reasons of the resource depletion	6M
	b) Write in detail about solar Energy	4M
7	a) What is conservation? Explain about Ex-situ and In-situ conservation	5M
,.	b) Briefly explain the various steps in EIA	5M
	OR	
8.	a) Define Hotspots. What are the Hotspots found in India? Discuss their salient	

5M

5M

9. a) Differentiate between. i) Herbivores and Carnivores				
ii) ETP and CETP				
b) Enumerate causes and effects of land pollution	4M			
b) Enumerate causes and effects of fand pollution	4111			
OR				
10. a) Write short note on				
i) Global Warming				
ii) Vienna Protocol	6M			
b) Describe the various method for control water pollution	4M			
11. a) Discuss the salient features of Air (prevention and control of pollution) Act 198	31			
	5M			
b) What are the Major Provisions in forest conservation Act 1980	5M			
OR				
12. a) Define sustainable development. Why is it necessary?	5M			
b) Describe the impact of housing activities on environment.	5M			