

Code No: R161108 (R16) (SET - 1)

I B. Tech I Semester Supplementary Examinations, May - 2017 ENVIRONMENTAL STUDIES

(Com. to CE, EEE, ME, CHEM, BOT, AE, AME, MTE, MM, PE, PCE, AGE)

Time: 3 hours

Max. Marks: 70

Note: 1. Question Paper consists of two parts (**Part-A** and **Part-B**)

PART -A 1. a) Explain about food chain and food web. (2M) (b) Why soil gets degraded? (c) Explain Hot-spots of biodiversity. (d) Name any two nuclear power stations in India. (e) Expand: IPCC; MoEF. (f) How CFCs are accumulated in atmosphere? (2M) (2M) (2M) (2M) (2M) (2M) (2M) (3) (2M) (4) (5M) (6M) (8M) (6M) (6M)			 2. Answering the question in Part-A is Compulsory 3. Answer any FOUR Questions from Part-B 		
b) Why soil gets degraded? c) Explain Hot-spots of biodiversity. d) Name any two nuclear power stations in India. e) Expand: IPCC; MoEF. f) How CFCs are accumulated in atmosphere? g) What is green campus? PART -B 2. a) Explain the structure and function of an ecosystem. b) What is the function of a Forest ecosystem? (8M) b) What do you understand by over utilization of surface and ground water resource? (8M) Discuss its effects. b) Discuss about man induced land slider. (6M) 4. a) Define biodiversity. Explain the values of biodiversity. b) Bring out the difference between exsitu and insitu conservation of biodiversity. (6M) 5. a) Discuss the effects of urbanization which is causing pollution in cities and towns. b) Explain the causes, effects and control measure of Noise pollution. (6M) 6. Discuss the provisions which empower the government to take appropriate action in respect of a) The wild life (Proportion) Act, 1972 (7M) b) The Forest (Conservation) Act. 1980 (7M) 7. Write short notes on a) Various stages of EIA (5M)			PART –A		
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	7.		Write short notes on		
		a)	Various stages of EIA	(5M)	
		b)	Preparation of EMP	(5M)	
c) Green business (4M)		c)	Green business	(4M)	