320873(20)

APR-MAY

B. E. (Eighth Semester) Examination, 2020

(Old Scheme) The Break State of the U.J.

(Civil Engg. Branch)

ENVIRONMENTAL POLLUTION and MANAGEMENT

Time Allowed: Three hours

The Proportion Address to the Secretary Control of the Secretary Contro

Maximum Marks: 80

Minimum Pass Marks: 28

Note: Attempt all questions. Part (a) of each question is compulsory. Attempt any two parts from (b), (c) and (d). Prove neat sketches wherever necessary.

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1. (a) Write the basic principles of environmental management.

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	(D)	write the goals of environmental management and	_
		explain characteristics of environmental management.	7
	(c)	Discuss the functions performed by State and Central	
		Government.	7
	(d)	Write short notes on the following:	7
		(i) Regulatory Instruments	
		(ii) International concern for environment.	
		Unit-II	
)	(a)	What do you mean by population explosion?	2
	(b)	Explain the world population growth and its effect	
		on enviornment.	7
		Discuss the effect of overcrowding on ecology briefly.	7
		Write short notes on :	7
		(i) Population density	
		(ii) Zero population growth rate	
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Unit-III

3.	(a) What do you mean by environmental research?	2
	(b) Explain the different types of research methodology.	7
	(c) Give the details of sampling techniques.	7
	(d) Explain how the pollutants are transported in water.	7
	Unit-IV	
4.	(a) What do you mean by Municipal Solid Waste?	2
	(b) Write short notes on solid waste management and its implication.	7
	(c) What are the methods of composting?	7
	(d) What do you mean by Environmental Audit and explain different types of Environmental Audits.	7
	Unit-V	
5.	(a) What do you mean by environmental predictions?	2
	(b) What are strategies for achieving sustainable development?	7

(c) What do you mean by EIA? What is the role of EIA?	,
(d) Explain how the deforestation has changed the ecology of Chhattisgarh state.	
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(a) What do you pissin by exprovement professions	
(b) What are utilities for achieving sustainable development?	