CBCS SCHEME

		Series Series	
USN		15	5MN831
Eighth Semester B.E. Degree Examination, November 2020			
Eighth Semester B.E. Degree Examination, 10			
Environmental Impacts of Mining			
Time: 3 hrs. Max. Marks: 80			
		Note: Answer any FIVE full questions irrespective of modules.	
Module-1 Figure the environmental impacts of mining all			
1		Define sustainable development. Explain the environmental impacts of minimal development.	(16 Marks)
		associated activities.	,
2		Define ecology. Explain the structures and functions of ecosystem.	(16 Marks)
2		Module-2 Define air pollution. Explain the point and non-point sources of air pollution.	(16 Marks)
3		Define an ponution. Explain the point are	
		A - 1 - 1 - 1 - 2 - 2 - 2 - 2 - 2 - 2 - 2	eaction and
4		Explain the sources of air pollution. Explain the control measures, extra	(16 Marks)
		consolidation of dust.	
		Module-3	
5	a.	Define water pollution. With a neat flow chart explain global hydrological cycle.	(08 Marks)
	b.	Explain Eutrophication, Deoxygenation and Acid mine drainage.	(08 Marks)
6	0	Explain pH, turbidity, oil and grease, nitrates impacts on water pollution.	(08 Marks)
6	a. b.	What is heavy metal pollution? Explain the preventive and control measur	es of water
		pollution.	(08 Marks)
		Module-4	
7		Define a Noise. Explain the various problems of noise pollution and list	the remedial
7	a.	mangures	(000)
	b	Define ground vibration. Explain the effects of ground vibration.	(08 Marks)
		Explain the various methods of reducing noise sources.	(08 Marks)
8	a b	- 1 : 1 odg of mangurements recording of Vibration.	(08 Marks)
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,		Module-5 What is land degradation? Explain the various physical and biological reclamations	ion.
9	a		(00)
1	b	. Explain the procedure for EIA of mining projects.	(08 Marks)
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a. Explain the Laws and Regulation for land acquisition process.b. Explain the principles of Corporate Social Responsibility.

(08 Marks)

(08 Marks)

Important Note: 1. On completing your answers, compulsorily draw diagonal cross lines on the remaining blank pages.

2. Any revealing of identification, appeal to evaluator and /or equations written eg, 42+8 = 50, will be treated as malpractice.

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