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10MN842

Eighth Semester B.E. Degree Examination, Dec.2019/Jan.2020
Mine Environment and Ecology

Time: 3 hrs. Max. Marks:100

Note: ***Answer FIVE full questions, selecting atleast TWO questions from each part.***

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.

PART – A

1 a. Define ecology? Explain the energy flow in the eco system. **(10 Marks)**
b. Explain hydrological cycle with neat sketch. **(10 Marks)**

2 a. Explain the factors influencing the nature and extent of the environmental import. **(10 Marks)**
b. Define visual impact. Explain the sources of visual impact. **(10 Marks)**

3 a. Define air pollution. Explain the effect of air pollution. **(10 Marks)**
b. Explain the measures to control air pollution. **(10 Marks)**

4 a. Define water pollution. Explain the effects of water pollution. **(10 Marks)**
b. Explain the measures to control water pollution. **(10 Marks)**

PART – B

5 Explain the method of handling polluted water. **(20 Marks)**

6 a. Define noise pollution. Explain the factors effecting ground vibrations. **(10 Marks)**
b. Explain the measures to control the noise pollution. **(10 Marks)**

7 a. Explain the causes of air blast. **(10 Marks)**
b. Explain the effect of air blast and remedial measures to control the air blast. **(10 Marks)**

8 a. Explain the problems associated with falling dams. **(10 Marks)**
b. What is EIA? Explain the importance of Environmental Impact Assessment. **(10 Marks)**

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