

2019

Time : 2 hours

Full marks : 40

Answer any four questions

The questions are of equal value

*Candidates are required to answer in their own words
as far as practicable*

(ENVIRONMENTAL BIOTECHNOLOGY)

1. Explain 'Humans are responsible for environmental contamination'.
2. Write a detail note on water pollution and describe the role of aquatic macrophytes in waste water treatment.
3. (a) Oxidation ponds
(b) Treatment scheme for waste water of sugar industry.

4. Describe anaerobic process of waste water treatment.
 5. Write detail note on source of industrial and mining heavy metal pollution.
 6. (a) Plasmid borne metabolic activity.
(b) Bisorption.
 7. Write the source and importance of biodegradable and eco-friendly products.
 8. (a) Phytoremediation of industrial solid waste.
(b) Deodorization process.
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