

Roll No.

Y – 3136

M.Sc. (Chemistry) Fourth Semester EXAMINATION,

May/June-2021

Paper – MCH-506

ENVIRONMENTAL CHEMISTRY

Time : Three Hours

Maximum Marks : 85

Minimum Pass Marks : 29

Note—Attempt *all* questions.

Unit-I

1. What are biogeochemical cycles ? Explain biogeochemical cycles of troposphere in detail. 17

Unit-II

2. Write a detail note on stratospheric ozone depletion and its control strategies. 17

Unit-III

3. Describe treatment of waste and sewage waste water. 17

Unit-IV

4. What do you understand by bioaccumulation ? Discuss sources of heavy metals with special emphasis on Pb and As and their biochemical damaging effects. 17

Unit-V

5. Discuss the micro and macro nutrients of soil. Write methods of remediation of soil. 17

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