

Roll No.

Y – 3136 (A)

M.Sc. (Chemistry) (Fourth Semester) (SPECIAL) EXAMINATION,

August 2021

(SECOND CHANCE)

Paper – MCH-506

ENVIRONMENTAL CHEMISTRY

Time : Three Hours

Maximum Marks : 85

Minimum Pass Marks : 29

Note—Attempt *all* questions.

1. Write notes on— 17
 - (a) Reactions of hydroxyl radicals with methane and other compounds.
 - (b) Photo chemical smog and chemistry of its formation.
2. Write notes on— 17
 - (a) Aerosols-sources, size distribution and effect on visibility.
 - (b) Major green house gases, their sources and global warming potentials.
3. Explain aerobic and anaerobic reactions of organic sculpture and nitrogen compounds. 17
4. Describe classification, properties and uses of pesticides. Write its detection and damaging effects also. 17
5. Write a note on Bhopal Gas Tragedy and Minemata disease. 17

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