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JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY, WAKNAGHAT  
TEST 1 EXAMINATION (February- 2020)  
B. Tech. (VIII- SEM.)

COURSE CODE: 14M31CE216

MAX. MARKS: 15

COURSE NAME: Hazardous Waste Management

COURSE CREDIT: 3

MAX. TIME: 1 HR

*Note: Attempt all Questions. Carrying of mobile phones during exams will be treated as case of unfair means. Assume suitable data if required.*

1. Why is hazardous waste considered to be a special category of solid waste? In this context define hazardous waste and discuss the factors which determine whether a substance is hazardous or not. (3)
2. In the context of hazardous waste outbreak in Minamata bay in 1960 in Japan, explain (a) the potential causes for the outbreak including the pollutants involved in the scenario and (b) what precautionary measures should have been taken to prevent the outbreak? (4)
3. Discuss the *regulatory classification system* for hazardous waste and their drawbacks. (3)
4. With a neat flow sheet, describe the critical path for identifying a hazardous waste under RCRA (3)
5. List some of the common household hazardous wastes. (2)

JUIT WAKNAGHAT (T1 EXAM, February 2020)