

WEST GOALPARA COLLEGE

Sessional Examination-2023

B. Sc. 6th Semester

Full Marks: 20

Time: 1 hour

Answer any one of Section-A or Section-B of the following

SECTION-A

Paper:- CHE-HE-6016 : Green Chemistry

1. What is Green Chemistry? Why we need green chemistry. 1+4=5
2. Write the limitations of green chemistry. 5
3. Explain twelve principles of green chemistry 10

SECTION-B

Paper:- CHE-HE-6026: Industrial Chemicals And Environment

Answer the following question (any five)

4×5=20

1. How air pollution takes place by oxides of sulphure. Explain with chemical reaction.
2. What are Green House gases? Explain with example.
3. What is the effect of water pollution on environment?
4. What is ozone layer depletion? How ozone layer depletion takes place in stratosphere. Explain.
5. Write two applications of each of N₂ and O₂ gas.
6. Write the industrial process of preparation of HNO₃.
7. Write the process of cryogenic separation of N₂ and O₂ gas from air.