

SEMESTER EXAMINATION-2021
Subject: Chemistry
B.Sc. Semester-V
Paper Name: **Industrial Chemicals & Environment**
Paper Code: BCH-E 501

Note: Question paper is divided into two sections A and B. Attempt all sections as per instructions.

Time: 3 hr.

Max. Marks: 70

SECTION-A

(SHORT ANSWER TYPE QUESTIONS)

Note: Answer any five questions in about 150 words. Each question carries four marks. (5 X 6= 30)

Que1: How is acetylene gas manufactured?

Que 2: How is manufacture and use of potassium dichromate ?

Que 3: Give the hazards associated with helium gas ?

Que 4: It is said, "Smog contributes to industrial gases." Explain.?

Que 5 Explain of chemical fertilizer and explain its application?

Que 6: How is bleaching powder manufacturing?

Que 7: What is the industrial gases?

Que 8: Explain the Industrial waste management?

Que 9: What is nuclear pollutions?

Que 10: Explain of the Electro dialysis ?

SECTION-B

(LONG ANSWER TYPE QUESTIONS)

Note: Answer any four questions. Each question carries ten marks. (4 X 10= 40)

Que1: What are the applications of potash alum and borax ?

Que 2. Explain is the Effects of global warming. what is source of Ozone depletion?

Que 3. Explain hazardous effect of Sulphur dioxide and carbon monoxide.?

Que4. Give a method for producing $KMnO_4$. How is it hazardous?

Que 5 Explain water pollution source and its treatment method?

Que 6 What is the effect of air pollution in atmosphere and its prevention method explain?

Que.7 What is the chemical hazards and explain its safety measures?

Que 8 Write a short note?

(1) Greenhouse effect (2) source of energy