

S2-601

B.Sc. HONS. (6TH SEMESTER) EXAMINATION, 2021

CHEMISTRY

PAPER: XI

BIO-ORGANIC AND BIO-INORGANIC CHEMISTRY

MAX MARKS: 150

Note: Attempt all the questions.

Q.1. What is osazone? Explain mechanism of osazone formation.

Q.2. Write note on

i. Saponification value

ii. Acid value

Q.3. What do you understand by ideal and non-ideal solutions?

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CHEMISTRY

PAPER: XII

ENVIRONMENTAL CHEMISTRY

MAX MARKS: 150

Note: Attempt all the questions.

- Q.1. Explain phosphorus cycle?
- Q.2. Describe titration method of water hardness determination?
- Q.3. Write about analytical methods for measuring air pollution.