

(4)

Code No. : B-254(B)

Roll No.....

Total No. of Section : 03

Total No. of Printed Pages : 04

Zalāa-2. 'vāv šy ātatā šyl āvāo āvāh' nī

Write down method of manufacture of chloral.

OR

Nāvakāšyē/ā šyūā; āšyl 'āmšyl 'wpašyūāvāo ēāāē/ā yālm ytl āčy nī

Explain with example kinetics and mechanism of halogenation reaction.

Zalāa-3. rgj 'wpyym ylyāyāšyē/ā šyūā; āšyl āvāxmā ytl āčy nī

Explain characteristics of batch and continuous sulphonation.

OR

Āānvāā šy ylyāyāšyē/ā šyl šyūāvāo ytl āčy nī

Explain the mechanism of sulphonation of Naphthalene.

Zalāa-4. wāwāū Eqj ā šy Eqšyē/āšyā w/āā šylāk' nī

Describe equipments involved in Aerobic treatment process.

OR

i āōāx/ā 'wpeāšy; āāūāā šyāytl āčy nī

Explain adsorption and its applications.

Zalāa-5. 'py; qālā pZarōā šyl āvāo šyā w/āā šylāk' nī

Describe the method of solid waste management.

OR

ātD'p'vātāāē (ōb āāšyāšy) šy āy÷ān 'wpsyūāvāo šyl āwvj āā šylāk' nī

Discuss the principle and working of mist eliminators.

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Annual Examination - 2017

B.Sc.-II

INDUSTRIAL CHEMISTRY

Paper - II

Max.Marks : 33

Min Marks : 11

Time : 3 Hrs.

'iq B h'p'i; 'tø8; ānvi ēēā Zalāa Nā āk'N'Nv šyēāā; āāwāūēēē h'p'r' tēvi ēēā Zalāa h'p'y' tēāāi ēēēāū Zalāa Nēē h'p'i; 'šyāyryçqñvçñv šyēēē

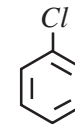
Note: Section 'A' , containing 8 very short answer type questions, is compulsory. Section 'B' consists of short answer type questions and Section 'C' consists of long answer type questions. Section 'A' has to be solved first.

Āāçç'ōē šyēē/ā (Nitration) → A + B h'p-i' (Section-'A')

āāāāšyā; ān vi ēēēāū Zalāāp šy ēēē 'šyā uā āā; wā'ūāp tē āp nī (Answer the following very short-answer-type questions in one or two sentences) (1x8=8)

Zalāa-1. āāāā; āāšyā qāēšylāk' β

Complete the following reaction :



Zalāa-2. āāē tēāā; āāšyā šy çvç' tēāçv 'ūā Nē?

What is the electrophile of nitration reaction?

Zalāa-3. āāāā; āāšyā qāēšylāk' β

Complete the following reaction :

