

Seat No. _____

T.Y. B.Sc. (Industrial Chemistry) Examination
March / April - 2017
Paper- IC-303: Chemical Process Industries
Paper Code: 8975

Time: 2.00 Hours

Maximum Marks: 75

- Que.1 (A) "Sea water is a storehouse of chemicals" justify this sentence. [10]
(B) How industrially sodium silicate manufactured? [09]
OR
- Que.1 (A) How industrially sodium peroxide manufactured? [10]
(B) Describe industrial production of magnesium chloride. [09]
- Que.2 Give industrial production of urea and KCl with flow sheet diagram. [19]
OR
- Que.2 Discuss manufacturing of ammonium sulphate and detergent with neat sketch. [19]
- Que.3 Give industrial production and application of power alcohol and butanol. [19]
OR
- Que.3 Discuss manufacturing of acetic acid and citric acid with neat sketch. [19]
- Que.4 Write about Hollander machine and Jordan machine for paper manufacturing. [18]
OR
- Que.4 Give industrial production of HFCS and starch with flow sheet diagram. [18]