

M.Sc. (Industrial Chemistry) Examination

Semester-II

Paper - IC - 5: Chemical Process Industries

Paper Code: 2921

APRIL - 2016

Time: 2.30 Hours

Maximum Marks: 70

Que.-1 What is surface coating? Give brief account on dry corrosion.[14]

OR

Que.-1 How to protect against corrosion? Write about electroplating and metal spraying methods.[14]

Que.-2 What is power alcohol? Explain manufacture of butanol with flow sheet diagram.[14]

OR

Que.-2 What is absolute alcohol? Explain manufacture of acetone with flow sheet diagram.[14]

Que.-3 Give industrial manufacture of CaCO_3 & NaCl[14]

OR

Que.-3 Give industrial manufacture of Na_2CO_3 & KCl[14]

Que.-4 Classify explosive with suitable examples. Give synthesis of nitramide.[14]

OR

Que.-4 Write a brief note on toxic chemical weapons with examples.[14]

Que.-5 What is latex? State and explain drawbacks of raw rubber and importance of rubber.[14]

OR

Que.-5 Why refining of rubber is necessary? Write a brief note on NBR.[14]