V.P. & R.P.T.P. Science College T.Y.B.Sc. Industrial Chemistry (Vocational) (Semester –Vth) INTERNAL EXAMINATION 30th September 2016, Friday

Course No: US05CICV02

(Heavy and fine Inorganic chemicals)



Total Marks: 25	Time: 11:00 to 12:30 pm
Q.1: Answer the given multiple choice questions.	[3]
 Arsenic is removed from the crude phosphoric acid by the (a) CO₂ (b) H₂S (c) H₂O In NaCl manufacturing, at which concentration calcium su precipitates out by solar evaporation? (a)250Be (b) 200Be (c) 270Be At which temperature moist NaHCO₃calcined from the dr (a) 210 °C (b) 220 °C (c) 200 °C (d) 180 °C Q.2: Answer the following questions (any two): Enlist the raw materials required for manufacture of super 	(d) Na ₂ CO ₃ ulfate completely (d) 13.50Be um filter?
 Define catalyst and give any two example of catalyst. Write the uses of oxalic acid. 	phosphate.
Q.3: Answer the following questions:	[6]
With the help of flow diagram explain the manufacture of	`ammonia.
OR	
With the help of flow diagram explain the manufacture of	super phosphate.
Q.4: Answer the following questions:	[6]
With the help of flow diagram explain the manufacture of	iodine.
OR	
Write a short note on titanium dioxide.	
Q.5: Answer the following questions:	[6]
With the help of flow diagram explain the manufacture of	foxalic acid.

OR

Explain the leblane process for manufacturing of soda ash.