

**V.P. & R. P. T. P. SCIENCE COLLEGE**

**B. Sc. (Semester - VI) Examination**

**INDUSTRIAL CHEMISTRY**

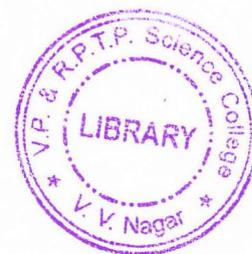
**FIRST INTERNAL TEST**

**11<sup>th</sup> March 2014**

**COURSE NO: US06CICH02 (PHARMACEUTICALS)**

**TIME: 3.30 TO 5.00 PM.**

**TOTAL MARKS – 30**



Q.1 Answer the following. ( Any THREE ) (06)

1. Define term Drug addiction and Pro-drug.
2. Define term Drug. Write characteristics of an ideal drug.
3. Write uses of an Analgin
4. Give an account of anti-inflammatory drugs.
5. Define and give an example of Steroids and Antibiotics.
6. What is the structural difference between water soluble and fat soluble vitamins?

Q.2 Give classification of drug on the basis of their Structure. (08)

OR

Q.2 Write a note on classification of drug on the basis of their therapeutic actions. (08)

Q.3 Write a note on following: (08)

- a) Sulfa drug.

OR

- a) Effect of alkyl group when it substitutes active hydrogen in drug.
- b) Synthesis of Ibuprofen drug.

Q.4 Discuss the following: (08)

- a) Sex hormones.

OR

- a) Fat soluble Vitamin.
- b) Classification of Antibiotic.