

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

B. Sc. (Semester - VI)

Internal Examination

INDUSTRIAL CHEMISTRY

13th March 2018, Tuesday

COURSE NO: US06CICH02 (PHARMACEUTICALS)

TIME: 11:00 TO 12:30

TOTAL MARKS – 25

Q.1 Answer the following MCQs (03)

1. For classification of bacteria, the bacterial smear is first treated with which solution?

- A. Iodine
- B. Crystal violet
- C. Safranin
- D. Ethanol

2. The ethyl ether of paracetamole is _____.

- A. Phenacetine
- B. Paracetamole
- C. Nitro phenol
- D. None of these

3. Which of following is needed for the biosynthesis of cysteine?

- A. Oxygen
- B. Carbon
- C. Nitrogen
- D. Sulphur

Q.2 Answer the following short questions (Any TWO) (04)

1. Differentiate terms "virus and bacteria?".
2. Give the synthesis of Sulphathiazole.
3. Define terms Culture and Aerobic microorganisms.

Q.3 Give classification of drug on the basis of their therapeutic actions. (06)

OR

Q.3 Discuss the effect of Aldehyde, Ketone and halogen in the drug molecule. (06)

Q.4 Give detail note on "Sulpha drugs". (06)

OR

Q.4 Write a note on Antipyretic drug. (06)

OR

Q.5 Write note on: (06)

1. Culture development and Inoculums.
2. Toxic effects on culture.

OR

Q.5 Discuss the manufacturing process of alcohol by Fermentation. (06)

