

T.Y.B.SC. SEM – VI (CBCS - 2016 Course) : SUMMER - 2019
SUBJECT : CHEMISTRY;INDUSTRIAL CHEMISTRY-II

Day : Saturday
Date : 27/04/2019

S-2019-0918

Time 03.00 P.M. To 06.00 P.M
Max. Marks : 60

N. B. :

- 1) All questions are **COMPULSORY**.
 - 2) Figures to the right indicate **FULL** marks.
-

Q.1 Attempt **ANY TWO** of the following : (12)

- a) Distinguish between thermosetting and thermo softening plastics.
- b) Discuss with flow sheet manufacture of soap by continuous process.
- c) Describe the process for the manufacture of triple super phosphate with flow sheet.

Q.2 Attempt **ANY TWO** of the following : (12)

- a) Explain the process for the manufacture of styrene butadiene rubber.
- b) Describe the manufacture of urea with flow sheet.
- c) What are soaps? What are the raw materials required for soap manufacture?

Q.3 Attempt **ANY TWO** of the following : (12)

- a) What is drug? Give classification of drugs on the basis of their chemotherapeutic action.
- b) Explain the process for the manufacture of detergent with flow sheet.
- c) Write a note on “vulcanization of rubber”.

Q.4 Attempt **ANY THREE** of the following : (12)

- a) Discuss the method of preparation, properties and uses of polyvinyl chloride.
- b) Give the synthesis and uses of Aspirin.
- c) Explain cleaning action of detergent.
- d) Write a note on potassic fertilizer.

Q.5 Attempt **ANY FOUR** of the following : (12)

- a) Give the synthesis and uses of paracetamol.
- b) Differentiate between soaps and detergents.
- c) Give the method of preparation, properties and uses of Teflon.
- d) Explain condensation polymerization.
- e) Write a note on “Manufacture of Shampoo”.
- f) Write a note on “Mixed fertilizer”.

* * * * *