

T.Y.B.SC. SEM – VI (2014 COURSE) : WINTER - 2017
SUBJECT: CHEMISTRY: INDUSTRIAL CHEMISTRY-VI

Day
Date Wednesday
 01/11/2017

W-2017-0693

Time 12.00 NOON TO 02.00 PM
Max. Marks : 40.

N.B.:

- 1) All questions are **COMPULSORY**.
 - 2) Figures to the **RIGHT** indicate full marks.
 - 3) Draw diagrams **WHEREVER** necessary.
-

Q.1 Attempt any **TWO** of the following: **(10)**

- a) Give the synthesis and uses of P-acetamol drug.
- b) Describe the manufacture of urea with flow sheet diagram.
- c) Explain the classification of surfactants.

Q.2 Attempt any **TWO** of the following: **(10)**

- a) Discuss the manufacture of soap by continuous process.
- b) Give the synthesis and uses of benzocaine.
- c) Write a note on Mixed fertilizer.

Q.3 Attempt any **TWO** of the following: **(10)**

- a) Give the synthesis and uses of methyl orange.
- b) Explain the synthesis and uses of Nylon-6, 6.
- c) Describe the preparation of naphthalene from alkyl naphtha.

Q.4 Attempt any **TWO** of the following: **(10)**

- a) Give the synthesis and uses of phenolphthalein.
- b) Distinguish between condensation and addition polymerization.
- c) Describe the preparation of acetylene from paraffin hydrocarbons.

* * *