

T.Y.B.SC. SEM – VI (2014 Course) : SUMMER - 2019
SUBJECT: CHEMISTRY: INDUSTRIAL CHEMISTRY – VI

Day: Wednesday
Date: 24/04/2019

S-2019-1044

Time: 03.00 PM To 05.00 PM
Max Marks. 40

N.B.

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

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

- a) Discuss with flow sheet manufacture of soap by continuous process.
- b) Explain the synthesis and uses of Sulphanilamide.
- c) Write a note on 'Mixed fertilizer'.

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

- a) What are fertilizers? How are they classified?
- b) Explain the synthesis and uses of Benzocaine.
- c) Write a note on 'cleaning action of detergents'.

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

- a) Give the manufacture, properties and uses of Nylon – 6, 6.
- b) Describe the method for the preparation of ethylene.
- c) Give the synthesis, properties and uses of 'Rosaniline'.

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

- a) Explain the synthesis and uses of Phenolphthalein.
- b) Distinguish between condensation polymerization and addition polymerization.
- c) Write a note on 'Vulcanization of rubber'.

* * *