

T.Y.B.SC. SEM – VI (2014 Course) : WINTER - 2018
SUBJECT: CHEMISTRY: INDUSTRIAL CHEMISTRY – VI

Day: Wednesday
Date: 17/10/2018

W-2018-0878

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

- a) What are fertilizers? Explain the qualities of good fertilizer.
- b) Give the synthesis and uses of Phenolphthalein.
- c) Write a note on 'Bakelite'.

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

- a) Explain the process for the manufacture of urea with flow sheet.
- b) Explain the synthesis and uses of Indigo dye.
- c) Distinguish between condensation polymerisation and addition polymerisation.

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

- a) Explain the process for the manufacture of Styrene butadiene rubber.
- b) Explain the synthesis and uses of para acetamol.
- c) Write a note on cleaning action of soap.

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

- a) Discuss the classification of surfactants.
- b) Explain the synthesis and uses of Benzocaine.
- c) Write a note on some special soap.

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