

T.Y.B.SC. SEM – V (2014 COURSE) : SUMMER - 2018
SBUEJCT: CHEMISTRY INDUSTRIAL CHEMISTRY –V

Day: **Friday**
Date: **20/04/2018**

S-2018-0755

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) Explain the process for the manufacture of sulphuric acid by contact process.
- b) How are chemical reactions classified?
- c) Discuss the manufacture of sugar cane with flow sheet diagram.

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

- a) Explain the physico chemical principles involved in the manufacture of ammonia.
- b) Distinguish between batch process and continuous process.
- c) Write a note on “Multiple Effect Evaporator”.

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

- a) Explain the manufacture of Window glass by Foucault process.
- b) What is small scale Industry? Give the preparation of Plaster of Paris.
- c) Explain the manufacture of D.D.D.

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

- a) Explain the manufacture of D.D.T.
- b) Describe Tank Furnace method for the manufacture of glass.
- c) Explain the process for the preparation of Agarbattis.

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