

Semester-VI, B.Sc. (Industrial Chemistry) Examination

March - 2015

Paper- IC-603: Chemical Process Industries - II

Paper Code: 4651

Time: 2.30 Hours

Total Marks: 70

- Que.1 (A) Describe manufacture of ZnO with neat sketch. 10
(B) What is blue paint? Give its example. 04
OR
- Que.1 (A) Classify surface active agents with example. 10
(B) Give usefulness of surface coating agents. 04
- Que.2 (A) Explain industrial production of TiO₂ by modern chlorine process. 10
(B) Write a note on liquid soap. 04
OR
- Que.2 (A) How industrially vegetable oil is refined? 10
(B) Explain roll of plasticizer in paints. 04
- Que.3 (A) Explain industrial production of green pigment. 10
(B) What is varnish? 04
OR
- Que.3 (A) Write a note on high fructose corn syrup. 10
(B) Write a short note on chrome green. 04
- Que.4 (A) With suitable diagram explain manufacture of raw sugar from sugar cane. 10
(B) Write a short note on red pigment. 04
OR
- Que.4 (A) Explain manufacture of starch with neat sketch. 10
(B) Write about lithopone. 04
- Que.5 (A) Describe industrial production of pulp by Kraft-process. 10
(B) What is bone char filtration? 04
OR
- Que.5 (A) Write a complete note on synthetic detergent. 10
(B) Explain the term beating & refining. 04