

Semester-VI, B.Sc. (Industrial Chemistry) Examination
October / November - 2015
Paper- IC-603: Chemical Process Industries - II
Paper Code: 4651

Time: 2.30 Hours

Total Marks: 70

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| Que.1 | (A) How industrially vegetable oil is extracted? | 10 |
| | (B) Give application of surface coating agents. | 04 |
| OR | | |
| Que.1 | (A) Explain manufacturing of soap by Continuous Process. | 10 |
| | (B) What is pigment? Explain with a suitable example. | 04 |
| | | |
| Que.2 | (A) What is surface coating agent? Which are the chief constituents of a surface coating agents? | 10 |
| | (B) Explain important characteristics of good quality toilet soap. | 04 |
| OR | | |
| Que.2 | (A) Explain industrial production of white pigment. | 10 |
| | (B) Write a note on liquid soap. | 04 |
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| Que.3 | (A) Classify oil and fats with example. | 10 |
| | (B) What is lacquer? | 04 |
| OR | | |
| Que.3 | (A) Give cleansing action of detergent. | 10 |
| | (B) Write a note on anionic detergent. | 04 |
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| Que.4 | (A) Write a note on H.F.C.S. | 10 |
| | (B) What is molasses? Give its uses. | 04 |
| OR | | |
| Que.4 | (A) With flow sheet diagram discuss industrial production of paper. | 10 |
| | (B) Classify raw material of pulp. | 04 |
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| Que.5 | (A) Describe manufacture of beet-sugar from sugar-beets with the help of a diagram. | 10 |
| | (B) Draw only figure of Hollander machine for paper manufacture. | 04 |
| OR | | |
| Que.5 | (A) Give industrial production of pulp by sulphite process. | 10 |
| | (B) Give uses of bagasse. | 04 |