

Seat No. \_\_\_\_\_

F.Y. B.Sc. (Industrial Chemistry) Examination

**March 2017**

Paper- IC-101: Industrial Aspects of Chemistry

Paper Code: 8856

Time: 2.00 Hours

Maximum Marks: 75

- Que.1 (A) Give an account of chemical derived from  $C_3$  &  $C_4$  cuts. [10]  
(B) Write a short note on natural gas. [09]  
OR
- Que.1 (A) How petroleum is refined? Explain it in detail. [10]  
(B) Explain manufacture of ethanol. [09]
- Que.2 (A) What is coal? Discuss its types with example. [10]  
(B) Discuss distillation of coal in detail. [09]  
OR
- Que.2 (A) How industrially cellulose is manufactured? [10]  
(B) Discuss extraction process of Mg. [09]
- Que.3 (A) Discuss extraction process of Na. [10]  
(B) Discuss roasting and pulverization in detail. [09]  
OR
- Que.3 (A) Discuss extraction process of Zn. [10]  
(B) Discuss classification of colloid with example. [09]
- Que.4 (A) State and explain mechanism of catalyst in detail. [10]  
(B) Write a short note on aerosols. [08]  
OR
- Que.4 (A) What is catalyst? Discuss homogeneous and heterogeneous catalyst. [10]  
(B) Write a short note on gel. [08]