

13 APR 2019

Seat No. _____

Examination March / April – 2019
B.Sc. Sem. – VI
Industrial Chemistry, Paper- ICHCC-604, Subject Code: 21871
Subject Title – Synthetic Dyes

Time: **2.30** Hours

Maximum Marks: **70**

- Que.1 (A) Discuss about aliphatic heterocyclic intermediate compound in detail. [10]
(B) Give synthesis and application of H-acid. [04]
OR
- Que.1 (A) Discuss about aromatic heterocyclic intermediate compound in detail. [10]
(B) Give synthesis and application of Bon-acid. [04]
- Que.2 (A) What is dye? Discuss classification of dyes according to application to the fibre. [10]
(B) What is chromophore? Explain it. [04]
OR
- Que.2 (A) Write a details account on Witt's theory. [10]
(B) Give synthesis and application of sulphur blue-9. [04]
- Que.3 Give synthesis of any three. [14]
(1) Fluorscein
(2) Eosin
(3) Acid violet 4R
(4) Celliton fast Yellow G
(5) phenolphthalein
- Que.4 Give synthesis of any three. [14]
(1) Naphthol yellow S
(2) Naphthol green
(3) Light green SF yellowish
(4) Acridine orange NO
(5) Indanthrene khakhi GG
- Que.5 Give synthesis of any three. [14]
(1) Chrysophenine G
(2) Indanthron blue
(3) Congo red
(4) Methylene Blue
(5) Naphthol ASG