

B.Sc. (Industrial Chemistry) Examination *April - 2016*
Semester-VI
Paper- IC-604: Synthetic Dyes Industry
Paper Code: 4652

Time: 2.30 Hours

Total Marks: 70

- Que.1 (A) Discuss about procaine dyes.(10)
(B) What do you mean by sulphur vat dyes?(04)
OR
- Que.1 (A) Give synthesis of tartrazine with its uses.(10)
(B) Write about disperse reactive dyes.(04)
- Que.2 (A) What is dye? Discuss classification of dyes according to application to the fibre.(10)
(B) What is pigment? Explain it.(04)
OR
- Que.2 (A) Write a details account of azo dyes.(10)
(B) Give synthesis of anthraquinone.(04)
- Que.3 (A) What is optical brightener? Explain it with example.(10)
(B) Give structure and name of any two nitro dyes.(04)
OR
- Que.3 (A) Give brief account of sulphur dyes.(10)
(B) Give synthesis of DMP.(04)
- Que.4 (A) Give synthesis of any three.(14)
(1) Methyl violet
(2) Congo red
(3) Eosin
(4) Remazole black-B
(5) Rodamine B.
- Que.5 (A) Give synthesis of any three.(14)
(1) Chrysophenine G
(2) Indanthron blue
(3) Direct Green
(4) Methylene Blue
(5) Naphthol ASG