

T.Y. B.Sc. (Industrial Chemistry) Examination
March / April - 2017
Paper- IC-305: Synthetic Dyes and Drugs
Paper Code: 8977

Time: 2.00 Hours

Maximum Marks: 75

- Que.1 (A) Give a relation between color and chemical constitution with example. [10]
(B) Write a short note on pigment dyes. [09]
- OR
- Que.1 (A) What do you mean by antimalarial drugs? Explain it in detail with synthesis of primaquine. [10]
(B) Write a note on antiseptic drugs. [09]
- Que.2 Give synthesis of any four dyes of following. [19]
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|------------------------|-----------------|
| 1. Methyl violet | 5. Eosin |
| 2. Direct black EW | 6. Direct green |
| 3. Fast Printing Green | 7. Rodamine B |
| 4. Butter Yellow | |
- Que.3 Give synthesis of any four drugs of following. [19]
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|----------------------|--------------------|
| 1. Paracetamol | 5. Benadryl |
| 2. Sulphathiazole | 6. Chloromphenicol |
| 3. n-Hexylresorcinol | 7. Caprylic acid |
| 4. Atropine | |
- Que.4 Write notes on any three of following. [18]
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|-------------------------|------------------|
| 1. Anti TB drugs | 5. Procaine dyes |
| 2. Antineoplastic drugs | 6. Zanthene dyes |
| 3. Cardiovascular drugs | 7. Remazole dyes |