Seat No._____

T.Y. B.Sc. (Industrial Chemistry) Examination
April - 2016
Paper- IC-305: Synthetic Dyes and Drugs
Paper Code: 8977

Time: **2.00** Hours Maximum Marks: **75**

Que.1 (A) Write a classification of dyes according to their chemical constitution. [10]

(B) Differentiate Nitro and Nitroso dyes. [09]

OR

Que.1 (A) Discuss classification of drugs on the basis of their therapeutic actions. [10]

(B) Write a note on antimalarial drugs. [09]

Que.2 Give synthesis of any four dyes of following. [19]

1. Fluorscein
2. Rodamine B
3. Naphthol ASG
4. EBT
5. Methylene Blue
6. Tartrazine
7. Direct green

Que.3 Give synthesis of any four drugs of following. [19]

1. Benzocaine
2. Benadryl
3. Atropine
4. Valium
5. Avil
6. Cholamphenicol
7. Chlorambucil

Que.4 Explain any **one** types of following drugs and synthesized one member of each class. [18]

1. Anti TB drug.
2. Antiseptic drug.

OR

Que.4 Explain any **one** types of following dyes and synthesized one member of each class. [18]

1. Nitro dyes
2. Pigment dyes