

SCAS 402

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#### Unit – IV Analysis of some selected Drugs:

Basic considerations of drugs – Classification

Determination of the following Drugs:

- 1) Acetyl salicylic acid ( Antipyretic – Analgesic )
- 2) Testosterone, progesterone and cortisone (Steroids and corticoids)
- 3) Sulphadiazine ( sulphadiazine )
- 4) Phenobarbitone (Barbituric acid derivatives)
- 5) Chloramphenicol, Benzyl penicillin and Tetracycline (Antibiotics)
- 6) Thiamine (B1), Riboflavin (B2) and ascorbic acid (c) [Vitamins]
- 7) Isoniazid ( Antimicrobial agents)
- 8) Methyldopa (Antihypertensive agents)
- 9) Metronidazole (Antiamoebic agents).

#### Text books:

1. Technical methods of analysis – Griffin, Mc Graw Hill Book Co.
2. Chemical Separation and measurements – D.G Peterseti, John M.Haves Sanders Co.
3. Chemical analysis – H.A Laitinan, Mc Graw Hill Book Co.
4. Newer redox titrants – Berka, Zyka and Vulterin, Pergamon Press
5. Volumetric Analysis, Vol III – I.M Kolthoff and R.Belver, Interscience Public, New York
6. Vogel's Text Book of norganic Quantitative Analysis – J.Bassett et al, ELBS
7. Pharmaceutical analysis – T. Higuchi, Brochmann hausfen

#### Reference Books:

1. D.A Skoog, D.M West and F.J Holler, Analytical Chemistry, An Introduction, Sanders College Publishing, New York
2. Quantitative Chemical Analysis – I.M Kolthoff, E.B Sandel, E.J Meehan, S. Bruckenstein, Macmillan Company, London

*Chairman*  
*BOS*