

- 2 APR 2019

B.Sc. Sem. – V (Industrial Chemistry) Examination**Paper – ICH – CC – 504: Synthetic Drugs****Paper Code: 21511**Time: **2.30** HoursMaximum Marks: **70**

- Que.1 (A) Classify drugs on the basis of therapeutic actions with example. [10]
(B) Give synthesis of thymol. [04]
- OR
- Que.1 (A) Give synthesis and application of aspirin and salol. [10]
(B) Give synthesis and application of paracetamol. [04]
- Que.2 (A) What is an analgesic drug? Give synthesis of phenacetin with its usefulness. [10]
(B) Give synthesis and application of sulfacetamide. [04]
- OR
- Que.2 (A) What is an antibacterial drug? Give synthesis of sulphafurazole with its usefulness. [10]
(B) Give synthesis and application of p-amino salicylic acid. [04]
- Que.3 (A) What is an antileptetic drugs drug? Give synthesis of dapson with its usefulness. [10]
(B) Give synthesis and application of solapsone. [04]
- OR
- Que.3 (A) What is an antiseptic drug? Give synthesis of chloramine - T with its usefulness. [10]
(B) Give synthesis and application of n-hexyl resorcinol. [04]
- Que.4 (A) Give synthesis and application of benzocaine and procaine. [10]
(B) Give synthesis and application of atropine. [04]
- OR
- Que.4 (A) Give synthesis and application of valium and avil. [10]
(B) Give synthesis and application of chlorambucil. [04]
- Que.5 (A) Classify antibiotic drug with example. [10]
(B) Give only structure of chloramphenical and tetracycline. [04]
- OR
- Que.5 (A) "All chemical substances produced by or derived from living cells cannot be antibiotics" justify this sentence. [10]
(B) Give synthesis and application of antipyrine. [04]