

MSC CHEMISTRY
SEMESTER-IV
Course: Elective-III (Chemistry of Natural Product)

Note:-attempt all questions.

Que1. What are terpenoids? Write its classification.

Que2. Write structure and Synthesis of Santonin

Que3. What are alkaloids? Write its classification.

Que4. Write structural elucidation & synthesis

(a) Morphine

(b) Ephedrine

Que5. What is Diels hydrocarbon? Write its synthesis

Que6. Write biosynthesis of steroid?

Que7. Write structural elucidation & synthesis of Aldosterone.

Que8. Write biogenesis of following:-

(a) Morphine alkaloids

(b) Cholesterol

(c) Carbohydrates

Que9. What is vitamin? Write its classification.

Que10. Write structural elucidation & synthesis of

(a) Biotin

(b) Vitamin B6