

Course Code: 4MSC3
Course: Elective-III (Chemistry of Natural product)
Credit: 3
Last Submission Date: October 31, (for January Session)
April 30 (for July session)

Max. Marks:-30

Min. Marks:-11

Note:-attempt all questions.

Que1. What are terpenoids? Write its classification.

Que2. Explain inform & special isolorene rule'.

Que3. What are alkaloids? Write its classification.

Que4. Write structural elucidation & synthesis

(a) Morphine

(b) Ephetrine

Que5. What is Diels hydrocarbon? Write its synthesis

Que6. Write biosynthesis of steroid?

Que7. Write structural elucidation & synthesis of Adrosterone.

Que8. Write biogenesis of following:-

(a) Morphine alkaloids

(b) Cholesterol

(c) Carbohydrates

Que9. What in vitamin? Write its classification.

Que10. Write structural elucidation & synthesis of

(a) Biotin

(b) Vitamin BL