

AV – 2325

Second Semester B. Pharm. Examination

PHARMACEUTICAL BIOCHEMISTRY – II

Paper – T – 2.5

(USC – 35147)

P. Pages : 1

Time : Three Hours]

[Max. Marks : 60

- Note :** (1) All questions carry equal marks.
(2) Answer **Five** questions.
(3) Discuss the reaction, mechanism wherever necessary.

1. Explain in detail the pathway of β – oxidation of fatty acid with its energetics. 12
2. Define Nutrition. Explain role of crude fibre in nutrition. Write a note on balanced diet. 12
3. Explain in detail the structure and synthesis of prostaglandins. Write its biochemical actions. 12
4. Write in detail about metabolism of Calcium and Iron. 12
5. Explain in detail about inborn error of metabolism. 12
6. (a) Explain in detail Sulphur cycle. 6
(b) Write a note on vitamins as co – enzymes. 6
7. Write notes on (Any **Two**) :—
(a) Essential fatty acids. (b) Urea Cycle. (c) Hyperbilirubinemia. 12



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