

B. Pharm. Second Semester
35147 : Pharmaceutical Biochemistry - II : T-2.5

P. Pages : 1

Time : Three Hours



AU - 0662

Max. Marks : 60

- Notes : 1. All question carry equal marks.
 2. Answer **any five** question.

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| 1. | What is mean by nitrogen balance? Explain in detail about urea cycle and its metabolic disorders. | 12 |
| 2. | Explain in detail about the pathway of β -oxidation of fatty acid with its energetics. | 12 |
| 3. | i) Write a note on vitamins as co-enzyme with their biological role. | 6 |
| | ii) Explain role of crude fiber in nutrition. | 6 |
| 4. | Explain various methods, slope and applications of biosignaling. | 12 |
| 5. | Explain in detail about structure and biosynthesis of prostaglandins. Write its biochemical actions. | 12 |
| 6. | Write about the metabolism of Calcium and Iron. | 12 |
| 7. | Write short note on any two . | 12 |
| | i) Nitrogen Cycle. | |
| | ii) BMR. | |
| | iii) Inborn error of metabolism. | |
