

35147 : Pharmaceutical Biochemistry - II : T-2.5

P. Pages : 1

Time : Three Hours



AW - 2293

Max. Marks : 60

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

1. Explain in detail about the pathway of β -oxidation of fatty acid with its energetics. 12
2. Describe in detail about urea cycle and its metabolic disorders. 12
3. Write about the concept of body fluids. Explain mineral metabolism of calcium and iron. 12
4. Write in detail about structure and biosynthesis of prostaglandins. Write its biochemical actions. 12
5.
 - i) Write applications and scope of biosignaling. 6
 - ii) Write a note on concept of balanced diet. 6
6. What is mean by nitrogen balance? Explain in detail about urea cycle and its metabolic disorder. 12
7. Write short notes on **any two**. 12
 - i) Abnormalities of lipid metabolism.
 - ii) BMR.
 - iii) Inborn error of metabolism.
