

REMO CAMPUS, IKENNE

BCH 403: BIOSYNTHESIS OF MACROMOLECULES (2 UNITS)

INSTRUCTIONS: ANSWER ANY FOUR QUESTIONS. TIME ALLOWED: TWO HOURS.

1. Explain in detail, the term macromolecules and their functions. NOTE
2. Highlight in a comprehensive way, the biosynthetic pathway for cholesterol. NOTE
3. Explain in detail, de novo synthesis of a named purine nucleotide
4. Discuss how phosphatidylcholine is synthesized in human body
5. Write comprehensive notes on the biosynthesis and regulation of starch.
6. Discuss the biosynthesis of glycogen and its associated hereditary disorders. NOTE

① $A \rightarrow B$

24/05/2013