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OLABISI ONABANJO UNIVERSITY

FACULTY OF BASIC MEDICAL SCIENCES

DEPARTMENT OF BIOCHEMISTRY

REMO CAMPUS, IKENNE

2012/2013 HARMATTAN SEMESTER EXAMINATIONS

BCH 403: BIOSYNTHESIS OF MACROMOLECULES (2 UNITS)

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

Explain in detail, the term macromolecules and their functions. NeT

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. № Т€

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DR O.A AKINLOYE

24/05/201