

KOM XX

OLABISI ONABANJO UNIVERSITY
DEPARTMENT OF BIOCHEMISTRY
2017/2018 HARMATTAN EXAMINATION

COURSE CODE: BCH401
COURSE TITLE: ADVANCED ENZYMOLOGY

TIME ALLOWED: 2 hours

Bms11411510088

INSTRUCTIONS: Answer ^{five(5)} four (4) questions in all.

- 1/ Differentiate between the methods you will use to determine steady state and pre-steady state kinetics.
 - 2 Explain the chemical basis of enzyme catalysis.
 - 3/ You are asked to purify rhodanese from a fibroid tissue
 - a. Explain how you will determine if the tissue contains the enzyme of interest.
 - b. Write a comprehensive note on the method you will use.
 - 4/ Write a concise note on Regulatory enzymes
 - 5/ Why and what is the regulation of enzyme activities and synthesis?
 - 6/ Explain enzyme reconstitution.
 - 7/ With a named example, differentiate between multienzyme system and multi enzyme complex.
- 1, 3, 4, 5, 7, 6