OLABISI ONABANJO UNIVERSITY, AGO IWOYE DEPARTMENT OF BIOCHEMISTRY 2018/2019 HARMATTAN SEMESTER EXAMINATION

BCH415 ADVANCED BIOCHEMICAL METHODS (3 UNITS)

How will you write a journal article?

List five characters by which an enzyme could be described.

Describe briefly how the optimum temperature of an enzyme is determined,

d.

TIME 3HRS

ANSWER ANY FOUR (4) QUESTIONS	
1a/	Describe the usefulness of centrifuges, rotary evaporators and orbital shakers in Folch method of lipid separation.
b/	Explain the process of separation of Lipid fractions by TLC
29.	List four chromatographic methods that can be used to separate sugars.
b.	Mention the basis for carbohydrate's separation by chromatographic techniques
4	How is electrophoresis different from chromatography
√ 3 a.	State the use(s) of the following reagents in analysis of protein: i. Collidine / ii. chloramine-T
	vi. FDNB
b.	ix. Ehrlich reagent x. Acrylamide i. What is Electrophoresis? ii. What are the main principles of Electrophoresis? iii. List the major components of the electrophoretic apparatus. Power Pack Po
4 a.	project.
b.	What are the components (chapters inclusive) of BCH final year project?
C	List five (5) journals in Biochemistry.