



TABLE OF SPECIFICATIONS

Chem 130 – Biochemistry Lecture

1st Semester AY 2022-2023

Examination: ☒ Midterm ☐ Final

Date of Examination: _____

Content	No. of Meetings	Course Outcome/ Learning Outcome (CO/LO)	%	Taxonomy of Objectives						Total Items
				Remembering	Understanding	Applying	Analyzing	Evaluating	Creating	
				0%	30%	30%	40%	0%	0%	
Module 1 Review of Organic Chemistry	2	CO1/LO (1,2,3,4)	20%		20					20
Module 2 The Cell	2	CO1/LO (1,2,3,4,5, 6,7) CO2/LO (1,2,3,4,5, 6,7)	20%		5	5	10			20
Module 3 Water and Acid-Base Chemistry	6	CO1/LO (1,2,3,4,5, 6,7) CO2/LO (1,2,3,4,5, 6,7)	60%		5	25	30			60
Total	10		100%		30	30	40			100
Item Arrangement					A – 1-10 B – 11-30	C – 31-60	D – 61-100			

Type/s of Test:

Test A – True/False (10 pts)
 Test B – Multiple-choice (20 pts)
 Test C – Identification (30 pts)

Test D – Illustration/Problem solving (40 pts)

Vision:
Mission:

A globally competitive university for science, technology, and environmental conservation.
 Development of a highly competitive human resource, cutting-edge scientific knowledge and innovative technologies for sustainable communities and environment.

Prepared by:	Name of Course Instructor /Professor	Signature	Date Signed
	VIVIAN P. LINA	<i>[Signature]</i>	11/2/2022

Department Instructional Materials Review Committee:

Committee	Name	Signature	Date Signed
Member:	JACOB GLENN F. JANSALIN	<i>[Signature]</i>	11/3/2022
Member:	MARIA ROBELYN A. INSIK	<i>[Signature]</i>	11/3/2022
Chairperson:	ELIZABETH S. QUEVEDO	<i>[Signature]</i>	11/3/2022

	Name	Signature	Date Signed
Verified by:	MA. THERESA P. LORETO Dean, CAS		
Validated by:	NANCY D. ABUNDA Head, IMD		

Note: A copy of the test paper with answer key shall be attached to the TOS.

(3) Distribution of copies: OHIMD, Department, Faculty

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