



TABLE OF SPECIFICATIONS

Chem 131.1 – Biochemistry Laboratory

2nd Semester AY 2021-2022

Examination: ___ Midterm ☒ Final ___ Long Exam

Date of Examination: June 06, 2022

Content	No. of Meetings	Course Outcome/ Learning Outcome (CO/LO)	%	Taxonomy of Objectives						Total Items
				Remembering	Understanding	Applying	Analyzing	Evaluating	Creating	
				0%	75%	25%	0%	0%	0%	
Exercise 1 Biochemical Calculations	1	CO1 to CO5/LO 1, 2	10%			10				10
Exercise 2 pH and buffers	1	CO1 to CO5/LO 1, 2	10%			10				10
Exercise 3 Carbohydrates	1	CO1 to CO5/LO 1, 2, 3	10%		10					10
Exercise 4 Lipids	1	CO1 to CO5/LO 1, 2, 3	10%		10					10
Exercise 5 Amino Acids	1	CO1 to CO5/LO 1, 2, 3, 4	10%		10					10
Exercise 6 Proteins	1	CO1 to CO5/LO 1, 2, 3, 4	10%		10					10
Exercise 7 Enzyme Activity	1	CO1 to CO5/LO 1, 2, 3, 4	10%		10					10

Vision:

A globally competitive university for science, technology, and environmental conservation.

Mission:

Development of a highly competitive human resource, cutting-edge scientific knowledge and innovative technologies for sustainable communities and environment.

	1	CO1 to CO5/LO 1, 2	10%	5	5				10
Exercise 9 Chemistry of Urine	1	CO1 to CO5/LO 1, 2, 3	10%	10					10
Exercise 10 Chemicals in Foodstuffs	1	CO1 to CO5/LO 1, 2	10%	10					10
Total	10		100%	75	25				100
Item Arrangement				A – 1 – 35 B – 36-45 C – 57-85	B – 46-56 C – 86- 100				

Type/s of Test:

Test A – Multiple-choice (35 pts)

Test C – Identification/Matching Type (44 pts)

Test B – Solving/Short Answer (21 pts)

Prepared by:	Name of Course Instructor /Professor	Signature	Date Signed
	VIVIAN P. LINA	<i>[Signature]</i>	<i>May 24, 2022</i>

Department Instructional Materials Review Committee:

Committee	Name	Signature	Date Signed
Member:	ATOZ A. VASQUEZ	<i>[Signature]</i>	<i>May 27, 2022</i>
Member:	MA. ROBELYN A. INSIK	<i>[Signature]</i>	<i>May 25, 2022</i>
Member:	JACOB GLENN F. JANSALIN	<i>[Signature]</i>	<i>May 25, 2022</i>
Chairperson:	ELIZABETH S. QUEVEDO	<i>[Signature]</i>	<i>May 25, 2022</i>

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

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

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