



TABLE OF SPECIFICATIONS

Chem 138 – Biochemistry
 Second Semester AY 2022-2023

Examination: ☒ Midterm ☐ Final

Date of Examination: April 24, 2023

Content	No. of Meetings	Course Outcome/ Learning Outcome (CO/LO)	%	Taxonomy of Objectives						Total Items
				Remembering	Understanding	Applying	Analyzing	Evaluating	Creating	
				7%	28%	5%	47%	12%	%	
Module 5- Oxidative Phosphorylation	1.5	CO1 CO3 CO4 CO6	25	2	4		10	4		20 (25)
Module 6- Glycogen Metabolism	3		50	4	6	4	29	5		58 (50)
Module 7- Photosynthesis	1.5		25	1	8	1	8	3		21 (25)
Total	6		100 %	7	28	5	47	12		99
Item Arrangement				Test I: 14,37 Test II 34	Test I: 4,6,8, 13,17 ,19,2 1,22, 24,27 ,2930 -32 Test II – 3,5,9, 12,15 ,20,2 3,26, 30,33 ,36,4 2,45, 46,48 ,49	Test II: 6,8,10, 29 Test III: 2	Test I: 1- 3,5,7,9 - 12,15- 16,18, 20,23, 25,26, 28,33- 36,39- 40 Test II 1,2,4,7 11,13, 16- 18,22, 24,27- 28,32, 35,37, 39,44, 47,51 Test III: 3,4	Test I: 38 Test II: 19,21 ,25,3 1,38, 43 Test III: 1,5-7		

Type/s of Test:

Test I True or False

Test II Multiple Choice

Test III – Essay/Computation

Prepared by:	Name of Course Instructor /Professor	Signature	Date Signed
	ELIZABETH S. QUEVEDO	<i>[Signature]</i>	13 April 2023

Department Instructional Materials Review Committee:

Committee	Name	Signature	Date Signed
Member:	MA. ROBELYN A. INSIK	<i>[Signature]</i>	14 April 2023
Member:	VIVIAN P. LINA	<i>[Signature]</i>	14 April 2023
Chairperson	FELIX M. SALAS	<i>[Signature]</i>	14 April 2023

Approved for use:

MA. THERESA P. LORETO

Dean, CAS

Note: A copy of the test paper with answer key shall be attached to the TOS for review of the DIMRC. After approval the test paper will be returned to the concerned faculty and will not be attached to the TOS when submitted to the College Dean and OHIMD.

REMINDER:

- 1. The author should not be part of the DIMRC.*
- 2. *If the author is the Department Head, he/she will be replaced by another chairperson from among the senior faculty members.*
- 3. **If the author is the College Dean, the Head of Instructional Materials Development will approve.*
- 4. Follow the next higher supervisor, no same person*
- 5. For the component campuses, if the author is the College Dean, the Director for Academic Affairs will approve.*
- 6. If the author is the Department Head and at the same time the College Dean, the Director for Academic Affairs will be the Chairperson of the DIMRC, and the Chancellor will approve it.*

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

Distribution of copies: OIMD, College, Department, Faculty, and Office of the Director for Quality Assurance