

Name (Last, First): \_\_\_\_\_ First 3 letters of last name: \_\_\_\_\_

Student ID: \_\_\_\_\_

# Answer Sheet 1

Total score
/ 100

Discussion board username: \_\_\_\_\_ Extra credit earned:

I have read and agree to all instructions for this exam.

Signed: \_\_\_\_\_

Date: \_\_\_\_\_

## Chemistry and Biochemistry 153A, Winter 2010

## Final Exam

### Page 2 (40 points)

1.

(30 words or fewer)

Scores  
Page 2:  / 40

2. \_\_\_\_\_

Page 3:  / 33

3. a. True False

b. True False

c. True False

d. True False

Page 4:  / 27

4. a. \_\_\_\_\_

b.

(30 words or fewer)

c. True False

5. *inter-membrane space*

-----  
*inner  
mitochondrial  
membrane*  
-----

*matrix*

Page 3 (33 points)

6. a.  (30 words or fewer)

b. \_\_\_\_\_

c.  (15 words or fewer)

7. a. \_\_\_\_\_

b.

c.

d.

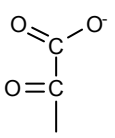
e. \_\_\_\_\_

f.  (25 words or fewer)

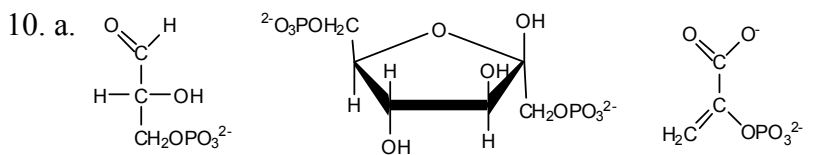
8. \_\_\_\_\_

Page 4 (27 points)

9. a. \_\_\_\_\_ b. \_\_\_\_\_

c. 


d. True False e. True False



b. \_\_\_\_\_

c. \_\_\_\_\_

\_\_\_\_\_

Name (Last, First): \_\_\_\_\_ First 3 letters of last name: \_\_\_\_\_

Student ID: \_\_\_\_\_

## Answer Sheet 2

Chemistry and Biochemistry 153A, Winter 2010

Final Exam

Total score
/140

Page 5 (18 points)

11. \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Page 5:

Scores
/ 18

Page 6:

/ 44
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Page 7:

/ 39
------

12. a. \_\_\_\_\_ b. \_\_\_\_\_

Page 8:

/ 39
------

Page 6 (44 points)

13. a.

--

(30 words or fewer)

b.

--

(25 words or fewer)

14. a.

--

c.

--

b. True False

d. True False

e.

--

f.

--

g.

\_\_\_\_\_

h.

\_\_\_\_\_

15. a.

\_\_\_\_\_

b.

\_\_\_\_\_

Page 7 (39 points)

16. \_\_\_\_\_  
\_\_\_\_\_

17. a. \_\_\_\_\_

b. \_\_\_\_\_

d. \_\_\_\_\_

c.

e.

(25 words or fewer)

18.

(40 words or fewer)

Page 8 (39 points)

19. a.

(20 words or fewer)

b.

20. a. \_\_\_\_\_ b. \_\_\_\_\_

c. \_\_\_\_\_ d. \_\_\_\_\_

e. \_\_\_\_\_

(10 words or fewer)

21. a.

(15 words or fewer)

b. \_\_\_\_\_

c.

(25 words or fewer)