

Mean = 98.4 total pts (67.5 MC, 30.9 short answer). The mean grade is a C+. NO cut-offs have been determined for specific grades.

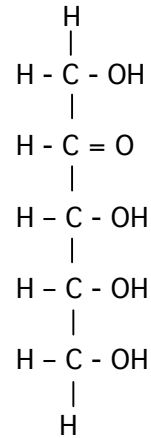
Name		Key Exam 1 Summer 2006										Section #							
1	D	6	A	11	D	16	E	21	B	26	D	31	E	36	E	41	A	46	D
2	A or E	7	A	12	E	17	C	22	A	27	B	32	B	37	C	42	B	47	D
3	C	8	C	13	A	18	E	23	E	28	B	33	E	38	D	43	A	48	C
4	D or E	9	E	14	D	19	C	24	C	29	E	34	E	39	C	44	B	49	C
5	D	10	D	15	B	20	B	25	D	30	B	35	C	40	A	45	D	50	B

**Part II**

- Schleiden & Schwann 2. Kinesin 3. Ubiquitin 4. Anabolic 5. Purines 6. Aquaporin 7. Coenzyme 8. Competitive inhibitor, 9. Nucleolar organizer, 10. Carboxylic ester (0.5 pt for ester) 11. Peptidoglycan 12. Antiporter 13. Density inhibition or contact inhibition 14. Sanger & Nicholson

**Part III – No partial credit**

- 1 B 2 A 3 D 4. D 5. A, E & I 6. E F I J or F J 7. A, E & I 8. DHL
- $2^2 = 4$  (for 2 pts). 3 pts for structure = 1 pt per C (5), 1 pt for C = O on the # 2 carbon, 1 pt for OH groups. OH groups can be in any orientation as long as there is 1 per C except for #2.
- 1 pt each. i) crossing over, ii) independent assortment of non-homologous chromosomes, iii) random fertilization
- 1 pt for each box.



	per 1 G-3-P to pyruvate	per 1 Acetyl-CoA
# NADH + H+	1	3
# FADH <sub>2</sub>	0	1
# ATP/GTP (by SLP)	2	1
# ATP (by OP)	2 (cytosolic NADH)	11

Total = 136 Note 11 acetyl coA. 11 X 12 = 132 = 4 from the 1 G-3 P.

NO partial credit.

1. B & D, 2. A & I, 3. C, E & F, 4. F & G 5. B, D & H.

**REGRADE REQUESTS:**

The instructors are very careful when they grade the exams, but we recognize that we may have made a mistake. There is a regrade request form available on our website that you can fill out if you feel your exam was graded incorrectly. You cannot change the grading criteria. You must explain why you should be given credit for the answer you provided on the exam—that excludes “this is what I meant to say”, “I really need the points”, etc. We reserve the right to regrade the entire exam. The grading criteria will be posted on 7/25 by 3 PM, outside the GSI office.