

BCH 3033 Final Exam Key and Grade Distribution**Form 1 (White)**

Multiple Choice Questions

1-d	2-c	3-e	4-d	5-a	6-b	7-c	8-a	9-d	10-a
11-a	12-a	13-a	14-d	15-c	blank	17-d	18-b	19-b	20-c
21-a	22-c	23-b	24-d	25-d	26-b	27-a	28-d	29-b	30-d
31-d	32-d	33-c	34-c	35-b	36-d	37-a	38-c	39-a	40-b
41-c	42-a	43-a	44-b	45-d	46-d	47-b	48-d	49-c	50-d

blank for question 16 = question eliminated from the exam.

Written Response Questions.

1. Diagram should look like Figure 7-12 which should be drawn by turning the glucose upside down. And, of course showing all atoms.
2. Figure had to show the peptide bond between the amino acid α -carboxyl and α -amino groups in trans. Cysteine-Alanine-Arginine-Glutamate....all ionizable groups at pH 1 would be associated.
3. Graph should look like Box 6-2, Figure 1 showing one uninhibited curve and one inhibited (on a Lineweaver Burke plot the inhibited is above the uninhibited curve...remember reciprocals!).

Form 2 (Yellow)

Multiple Choice Questions

1-c	2-d	3-b	4-a	5-c	6-a	7-a	8-a	9-a	10-c
11-d	12-c	13-d	14-e	15-b	16-b	17-c	18-a	19-c	20-a
21-b	22-a	23-a	24-d	25-a	26-d	27-b	28-a	29-b	30-d
31-c	32-a	33-a	34-c	35-b	36-c	37-c	38-b	39-d	40-c
41-a	42-b	43-a	blank	45-d	46-c	47-b	48-d	49-c	50-d

blank for question 44 = question eliminated from the exam.

Written Response Questions.

1. Diagram should look like Figure 7-12 which should be drawn by turning one glucose 180° maintaining the horizontal. And, of course showing all atoms.
2. Figure had to show the peptide bond between the amino acid α -carboxyl and α -amino groups in trans. Methionine-Alanine-Leucine-Asparagine....all ionizable groups at pH 1 would be associated.
3. Graph should look like Box 6-2, Figure 2 showing one uninhibited curve and one inhibited (on a Lineweaver Burke plot the inhibited is above the uninhibited curve...remember reciprocals!).

Grade Distribution

Final Exam Average = 95 +/- 30 High = 176 Low = 39

Total Points Average = 433 +/- 112 High = 675 Low = 145