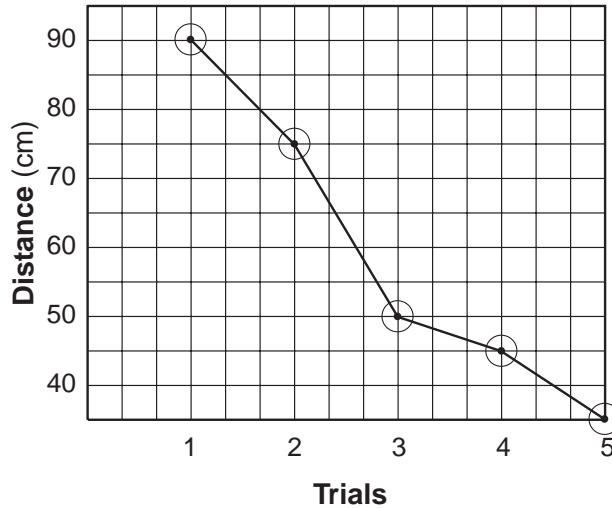


**Part III**

Allow a total of 15 credits for only three of the five groups in this part. If all five groups are answered, only the first three should be considered.

**Group 1**

110–111



**Rating instructions for questions 110–111**

**110** Allow one credit for marking an appropriate scale on each labeled axis.

**111** Allow one credit for plotting the data correctly, surrounding each point with a small circle, and connecting the points.

**112** 1 2 3 ~~X~~

The answer below represents a sample response. Other correct complete-sentence responses are acceptable. Allow no partial credit.

**113** As the number of trials increased, the reaction time decreased.

**114** ~~X~~ 2 3 4

**Group 2**

**115** 1 ~~X~~ 3 4

**116** 1 2 ~~X~~ 4

**117** 1 2 3 ~~X~~

**118** ~~X~~ 2 3 4

**119** 1 2 ~~X~~ 4

**Part II**

Allow a total of 20 credits, one credit for each question, for only two of the five groups in this part. If more than two groups are answered, only the first two should be considered.

Group 1 Biochemistry				
60	1	<input checked="" type="checkbox"/>	3	4
61	1	2	3	<input checked="" type="checkbox"/>
62	<input checked="" type="checkbox"/>	2	3	4
63	1	2	<input checked="" type="checkbox"/>	4
64	1	<input checked="" type="checkbox"/>	3	4
65	1	2	3	<input checked="" type="checkbox"/>
66	1	<input checked="" type="checkbox"/>	3	4
67	1	2	<input checked="" type="checkbox"/>	4
68	<input checked="" type="checkbox"/>	2	3	4
69	<input checked="" type="checkbox"/>	2	3	4

Group 3 Reproduction and Development				
80	1	<input checked="" type="checkbox"/>	3	4
81	<input checked="" type="checkbox"/>	2	3	4
82	1	2	<input checked="" type="checkbox"/>	4
83	<input checked="" type="checkbox"/>	2	3	4
84	1	<input checked="" type="checkbox"/>	3	4
85	1	2	<input checked="" type="checkbox"/>	4
86	1	2	3	<input checked="" type="checkbox"/>
87	1	<input checked="" type="checkbox"/>	3	4
88	1	2	3	<input checked="" type="checkbox"/>
89	1	2	<input checked="" type="checkbox"/>	4

Group 5 Ecology				
100	1	2	3	<input checked="" type="checkbox"/>
101	1	2	<input checked="" type="checkbox"/>	4
102	<input checked="" type="checkbox"/>	2	3	4
103	1	<input checked="" type="checkbox"/>	3	4
104	<input checked="" type="checkbox"/>	2	3	4
105	<input checked="" type="checkbox"/>	2	3	4
106	1	2	3	<input checked="" type="checkbox"/>
107	1	<input checked="" type="checkbox"/>	3	4
108	1	2	<input checked="" type="checkbox"/>	4
109	1	2	3	<input checked="" type="checkbox"/>

Group 2 Human Physiology				
70	1	2	<input checked="" type="checkbox"/>	4
71	1	2	3	<input checked="" type="checkbox"/>
72	<input checked="" type="checkbox"/>	2	3	4
73	1	2	<input checked="" type="checkbox"/>	4
74	1	<input checked="" type="checkbox"/>	3	4
75	1	2	3	<input checked="" type="checkbox"/>
76	1	<input checked="" type="checkbox"/>	3	4
77	1	2	<input checked="" type="checkbox"/>	4
78	<input checked="" type="checkbox"/>	2	3	4
79	1	2	3	<input checked="" type="checkbox"/>

Group 4 Modern Genetics				
90	<input checked="" type="checkbox"/>	2	3	4
91	1	2	3	<input checked="" type="checkbox"/>
92	<input checked="" type="checkbox"/>	2	3	4
93	1	2	3	<input checked="" type="checkbox"/>
94	1	<input checked="" type="checkbox"/>	3	4
95	1	2	<input checked="" type="checkbox"/>	4
96	1	<input checked="" type="checkbox"/>	3	4
97	1	2	3	<input checked="" type="checkbox"/>
98	<input checked="" type="checkbox"/>	2	3	4
99	1	2	<input checked="" type="checkbox"/>	4

# FOR TEACHERS ONLY

# Bio

The University of the State of New York  
REGENTS HIGH SCHOOL EXAMINATION

## BIOLOGY

Wednesday, August 16, 2000—12:30 to 3:30 p.m., only

### SCORING KEY

#### Part I

Refer to the table on the answer paper for the number of credits to be given on Part I.

#### Part I (65 credits)

1	1	X	3	4	21	X	2	3	4	41	X	2	3	4
2	X	2	3	4	22	1	2	3	X	42	1	X	3	4
3	1	2	3	X	23	1	2	X	4	43	1	2	3	X
4	1	2	X	4	24	1	2	3	X	44	X	2	3	4
5	1	X	3	4	25	1	2	3	X	45	1	2	3	X
6	1	2	X	4	26	1	2	X	4	46	X	2	3	4
7	1	2	3	X	27	X	2	3	4	47	1	2	3	X
8	1	X	3	4	28	1	X	3	4	48	1	2	X	4
9	X	2	3	4	29	1	2	3	X	49	1	X	3	4
10	X	2	3	4	30	1	2	X	4	50	1	X	3	4
11	1	X	3	4	31	1	2	X	4	51	1	2	X	4
12	1	2	3	X	32	1	2	3	X	52	1	2	X	4
13	1	X	3	4	33	1	2	3	X	53	1	2	3	X
14	1	2	X	4	34	1	X	3	4	54	1	X	3	4
15	X	2	3	4	35	X	2	3	4	55	1	X	3	4
16	1	2	X	4	36	X	2	3	4	56	1	2	X	4
17	X	2	3	4	37	1	X	3	4	57	X	2	3	4
18	1	X	3	4	38	1	2	3	X	58	1	2	X	4
19	1	X	3	4	39	X	2	3	4	59	1	X	3	4
20	X	2	3	4	40	1	2	X	4					

#### Directions to the Teacher:

Use only *red* ink or *red* pencil in rating Regents examination papers. Do *not* correct the student's work by making insertions or changes of any kind.

Scan each answer paper to make certain that the student has marked only one answer for each question. If a student has marked two or more answers with an X in ink, draw a red line through the row of numbers for that question to indicate that no credit is to be allowed for that question when the answer paper is scored.

To facilitate scoring, the scoring key has been printed in the same format as the answer paper. The scoring key for **Part I and Part II** may be made into a scoring stencil by punching out the correct answers. Be sure that the stencil is aligned with the answer paper so that the holes correspond to the correct answers. To aid in proper alignment, punch out the first and last item numbers in each part and place the stencil on the answer paper so that these item numbers appear through the appropriate holes.





**Group 3**

120  2  3  4

121  1  2  4

122  1  3  4

123  2  3  4

The answers below represent sample responses. Other correct complete-sentence responses are acceptable. Allow no partial credit.

124 A—It is the organelle in which photosynthesis takes place.

*or*

B—It is the organelle which stores materials.

*or*

C—It directs the activities of the cell.

**Group 4**

125  1  2  4

126  2  3  4

127  1  2  4

128  1  3  4

The answer below represents a sample response. Other correct complete-sentence responses are acceptable. Allow no partial credit.

129 The conclusion is not valid because it is based on a study of red blood cells from only one vertebrate species.

**Group 5**

The answer below represents a sample response. Other correct complete-sentence responses are acceptable. Allow no partial credit.

130 The experimental setup has more than one variable.

131  1  2  3

The answers below represent sample responses. Other correct complete-sentence responses are acceptable. Allow no partial credit.

132 Set 1 — This set could be used to test a substance for the presence of monosaccharides.

*or*

Set 2 — This set could be used to test for the presence of a fat.

*or*

Set 3 — This set could be used to study the role of CO<sub>2</sub> in an experiment.

*or*

Set 4 — This set could be used to observe cell structures.

133  1  2  4

134  1  2  3