

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 1110 1 3 4111 1 2 3

The answers below represent sample responses. Other correct complete-sentence responses are acceptable.

112 Group C is the control.

113 Chemicals produced in nature are less likely to have harmful effects on the environment than insecticides produced by humans.

114 1 2 3 **Group 2**115 1 2 4

116 The answer below represents a sample response. Other correct complete-sentence responses are acceptable.

The surface of the agar in C has the largest area free of bacteria.

117 1 3 4118 1 2 4

119 The answer below represents a sample response. Other correct complete-sentence responses are acceptable.

Organisms that blend in with the environment have a better chance of survival by escaping predators.

Group 3120 2 3 4

121 B or D

122 1 2 3 123 2 3 4

124 The answer below represents a sample response. Other correct complete-sentence responses are acceptable.

Safety goggles should be worn when heating substances in a test tube.

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	2	<input checked="" type="checkbox"/>	4	
61	1	<input checked="" type="checkbox"/>	3	4	5
62	1	2	3	4	<input checked="" type="checkbox"/>
63	1	2	3	<input checked="" type="checkbox"/>	
64	1	<input checked="" type="checkbox"/>	3	4	
65	1	2	<input checked="" type="checkbox"/>	4	
66	1	<input checked="" type="checkbox"/>	3	4	
67	1	2	3	<input checked="" type="checkbox"/>	
68	<input checked="" type="checkbox"/>	2	3	4	
69	<input checked="" type="checkbox"/>	2	3	4	

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

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

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

Group 4 Modern Genetics				
90	<input checked="" type="checkbox"/>	2	3	4
91	1	2	3	<input checked="" type="checkbox"/>
92	1	2	<input checked="" type="checkbox"/>	4
93	<input checked="" type="checkbox"/>	2	3	4
94	1	<input checked="" type="checkbox"/>	3	4
95	1	2	3	<input checked="" type="checkbox"/>
96	1	2	<input checked="" type="checkbox"/>	4
97	1	<input checked="" type="checkbox"/>	3	4
98	1	2	3	<input checked="" type="checkbox"/>
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, January 24, 2001—1:15 to 4:15 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	2	3	X	21	1	2	3	X	41	X	2	3	4
2	1	X	3	4	22	1	X	3	4	42	X	2	3	4
3	1	2	X	4	23	1	2	X	4	43	1	2	3	X
4	1	2	3	X	24	X	2	3	4	44	1	2	X	4
5	1	2	X	4	25	1	2	X	4	45	X	2	3	4
6	X	2	3	4	26	1	2	X	4	46	1	X	3	4
7	1	2	X	4	27	1	X	3	4	47	1	2	3	X
8	1	X	3	4	28	1	2	3	X	48	X	2	3	4
9	1	X	3	4	29	1	X	3	4	49	1	2	3	X
10	1	2	X	4	30	X	2	3	4	50	1	X	3	4
11	X	2	3	4	31	1	X	3	4	51	X	2	3	4
12	1	2	3	X	32	1	2	X	4	52	1	2	3	X
13	1	X	3	4	33	X	2	3	4	53	X	2	3	4
14	1	2	3	X	34	1	2	3	X	54	1	2	X	4
15	1	2	X	4	35	1	2	3	X	55	1	X	3	4
16	1	2	3	X	36	1	X	3	4	56	1	X	3	4
17	X	2	3	4	37	1	2	X	4	57	1	2	3	X
18	1	X	3	4	38	1	2	X	4	58	1	2	3	X
19	X	2	3	4	39	1	2	3	X	59	1	X	3	4
20	1	2	X	4	40	1	2	X	4					

Directions to the Teacher:

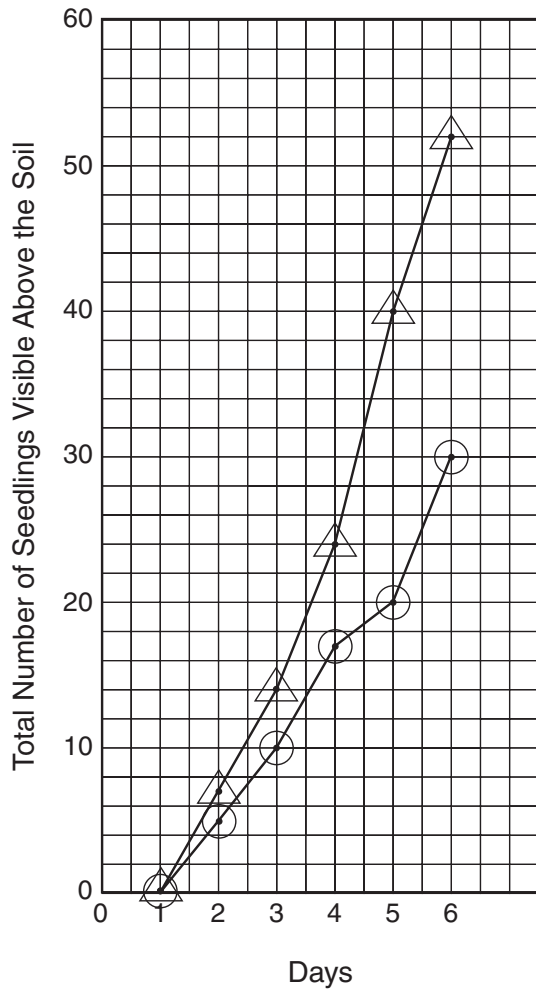
Use only *red* ink or *red* pencil in rating Regents examination papers. Do *not* correct the student's work by making insertions or changes of any kind.

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 4

125–127



128 The answer below represents a sample response. Other correct complete-sentence responses are acceptable.

The experiment lacks a control.

129 X 2 3 4

Key

Group A	○
Group B	△

Group 5

130 1 2 X 4

131 The answer below represents a sample response. Other correct complete-sentence responses are acceptable.

The slide should be moved to the left.

132 plant cell

133 X 2 3 4

134 1 2 3 X