

Biology 12
Resource Exam B
Answer Key

Cognitive Processes	Weightings	Question Types
K = Knowledge	22%	67 = Multiple Choice (MC)
U = Understanding	58%	6 = Written Response (WR)
H = Higher Mental Processes	20%	

Topics	Prescribed Learning Outcomes (PLOs)	Weightings
1. Cell Biology	B1–B6	18%
2. Processes of Science and Cell Biology	A2; B7–11	18%
3. Human Biology	C1–C15	64%

Question Number	Keyed Response	Cognitive Process	Mark	Topic	PLO	Question Type
1.	B	K	1	1	B1	MC
2.	B	U	1	1	B1	MC
3.	B	U	1	1	B1	MC
4.	B	U	1	1	B1	MC
5.	C	H	1	1	B1	MC
6.	A	U	1	1	B3	MC
7.	D	K	1	1	B4	MC
8.	B	K	1	1	B4	MC
9.	D	U	1	1	B4	MC
10.	C	U	1	1	B4	MC
11.	A	U	1	1	B4	MC

Question Number	Keyed Response	Cognitive Process	Mark	Topic	PLO	Question Type
12.	A	H	1	1	B4	MC
13.	D	K	1	1	B5	MC
14.	B	H	1	1	B5	MC
15.	B	U	1	1	B5	MC
16.	A	H	1	1	B5	MC
17.	D	U	1	1	B6	MC
18.	C	K	1	2	B7	MC
19.	C	U	1	2	B7	MC
20.	C	H	1	2	B7	MC
21.	C	K	1	2	B9	MC
22.	B	U	1	2	B9	MC
23.	B	U	1	2	B9	MC

Question Number	Keyed Response	Cognitive Process	Mark	Topic	PLO	Question Type
24.	C	U	1	2	B9	MC
25.	B	U	1	2	B9	MC
26.	B	H	1	2	B10	MC
27.	A	U	1	2	B11	MC
28.	C	H	1	2	B11	MC
29.	C	K	1	3	C1	MC
30.	D	K	1	3	C1	MC
31.	B	U	1	3	C1	MC
32.	C	U	1	3	C1	MC
33.	A	U	1	3	C1	MC
34.	D	U	1	3	C1	MC
35.	A	U	1	3	C2	MC
36.	B	H	1	3	C2	MC
37.	A	H	1	3	C2	MC
38.	A	K	1	3	C3	MC
39.	A	K	1	3	C4	MC
40.	B	H	1	3	C4	MC
41.	C	H	1	3	C4	MC
42.	D	K	1	3	C5	MC
43.	B	U	1	3	C5	MC
44.	C	U	1	3	C6	MC
45.	D	U	1	3	C5	MC
46.	B	H	1	3	C4	MC
47.	B	K	1	3	C8	MC
48.	D	U	1	3	C10	MC

Question Number	Keyed Response	Cognitive Process	Mark	Topic	PLO	Question Type
49.	A	K	1	3	C9	MC
50.	C	U	1	3	C12	MC
51.	B	U	1	3	C12	MC
52.	D	H	1	3	C11	MC
53.	B	H	1	3	C11	MC
54.	D	H	1	3	C12	MC
55.	A	K	1	3	C13	MC
56.	A	K	1	3	C13	MC
57.	B	H	1	3	C13	MC
58.	A	H	1	3	C13	MC
59.	D	K	1	3	C14	MC
60.	C	U	1	3	C14	MC
61.	A	H	1	3	C14	MC
62.	C	U	1	3	C15	MC
63.	C	U	1	3	C15	MC
64.	B	U	1	3	C15	MC
65.	D	K	1	3	C15	MC
66.	C	K	1	3	C15	MC
67.	B	U	1	3	C15	MC

Question Number	Keyed Response	Cognitive Process	Mark	Topic	PLO	Question Type
1.	–	U	4	2	B11	WR
2.	–	U	4	3	C5	WR
3.	–	U	3	3	C8	WR
		H	1			
4.	–	U	5	3	C12	WR
5.	–	U	6	3	C13	WR