

Science 10  
**August 2007 — Form A**  
 Provincial Examination — Answer Key

**Cognitive Processes**

**K** = Knowledge  
**U** = Understanding  
**H** = Higher Mental Processes

**Weightings**

32%  
 59%  
 9%

**Question Types**

**64** = Multiple Choice (MC)  
**20** = Matching (MT)  
**32** = True and False (TF)

**Topics**

1. Applications of Science
2. Life Science
3. Physical Science
4. Earth and Space Science

**Prescribed Learning Outcomes (PLOs)**

A  
 B, C  
 D, E, F  
 G

**Weightings**

*Integrated Throughout*  
 26%  
 52%  
 22%

Question Number	Keyed Response	Cognitive Process	Mark	Topic	PLO	Question Type
1.	A	K	1	2	B1	TF
2.	B	K	1	2	B1	TF
3.	A	K	1	2	B1	TF
4.	B	K	1	2	B1	MC
5.	B	K	1	2	B1	MC
6.	A	H	1	2	B1	MC
7.	D	U	1	2	B3	MC
8.	D	K	1	2	B4	MT
9.	A	K	1	2	B4	MT
10.	C	K	1	2	B4	MT
11.	B	K	1	2	B4	MT
12.	E	K	1	2	B4	MT
13.	B	U	1	2	B4	TF
14.	A	H	1	2	B5	MC
15.	A	U	1	2	B7	TF
16.	A	U	1	2	B7	MC
17.	B	U	1	2	B7	MC
18.	A	K	1	2	C2	TF
19.	C	U	1	2	C2	MC
20.	A	U	1	2	C2	MC
21.	A	U	1	2	C2	MC
22.	B	U	1	2	C2	MC
23.	D	U	1	2	C2	MC
24.	B	U	1	2	C2	MC
25.	D	U	1	2	C2	MC
26.	A	H	1	2	C2	MC
27.	A	U	1	2	C3	TF
28.	B	U	1	2	C3	MC
29.	A	U	1	2	C4	TF

Question Number	Keyed Response	Cognitive Process	Mark	Topic	PLO	Question Type
30.	A	K	1	3	D2	TF
31.	A	U	1	3	D2	TF
32.	C	K	1	3	D3	MC
33.	D	U	1	3	D3	MC
34.	A	U	1	3	D3	MT
35.	D	U	1	3	D3	MT
36.	E	U	1	3	D3	MT
37.	C	U	1	3	D3	MT
38.	F	U	1	3	D3	MT
39.	A	K	1	3	D5	TF
40.	A	K	1	3	D5	TF
41.	B	U	1	3	D5	TF
42.	A	U	1	3	D5	TF
43.	D	U	1	3	D5	MC
44.	B	K	1	3	D5	MC
45.	A	U	1	3	D5	TF
46.	C	K	1	3	D5	MC
47.	D	U	1	3	D5	MC
48.	C	U	1	3	D5	MC
49.	D	U	1	3	D6	MC
50.	B	U	1	3	D6	MC
51.	D	U	1	3	D5	MC
52.	D	H	1	3	D6	MC
53.	A	H	1	3	D6	MC
54.	A	U	1	3	F1	TF
55.	A	U	1	3	F2	MC
56.	C	U	1	3	F2	MC
57.	B	K	1	3	F2	MC
58.	C	U	1	3	F3	MC

Question Number	Keyed Response	Cognitive Process	Mark	Topic	PLO	Question Type
59.	B	K	1	3	E1	TF
60.	B	K	1	3	E1	MC
61.	A	U	1	3	E2	TF
62.	A	U	1	3	E2	TF
63.	D	U	1	3	E1	MC
64.	A	K	1	3	E3	TF
65.	A	U	1	3	E3	MC
66.	C	U	1	3	E3	MC
67.	A	K	1	3	E3	MC
68.	B	K	1	3	E4	TF
69.	A	U	1	3	E4	MC
70.	A	U	1	3	E4	MC
71.	C	H	1	3	E4	MC
72.	D	U	1	3	E4	MC
73.	B	U	1	3	E4	MT
74.	A	U	1	3	E4	MT
75.	F	U	1	3	E4	MT
76.	E	U	1	3	E4	MT
77.	D	U	1	3	E4	MT
78.	A	U	1	3	E5	TF
79.	B	K	1	3	E5	TF
80.	D	U	1	3	E4	MC
81.	A	U	1	3	E5	MC
82.	A	U	1	3	E5	MC
83.	C	H	1	3	E5	MC
84.	B	U	1	3	E6	TF
85.	A	K	1	3	E6	MC
86.	B	H	1	3	E7	MC
87.	D	U	1	3	E7	MC

Question Number	Keyed Response	Cognitive Process	Mark	Topic	PLO	Question Type
88.	C	K	1	4	G1	MC
89.	A	K	1	4	G1	MC
90.	A	U	1	4	G1	MC
91.	A	K	1	4	G1	TF
92.	B	K	1	4	G1	TF
93.	D	K	1	4	G1	MT
94.	C	K	1	4	G1	MT
95.	B	K	1	4	G2	MT
96.	A	K	1	4	G2	MT
97.	C	K	1	4	G2	MT
98.	C	U	1	4	G2	MC
99.	B	U	1	4	G2	MC
100.	A	U	1	4	G2	TF
101.	B	U	1	4	G3	MC
102.	B	U	1	4	G3	MC
103.	B	U	1	4	G3	TF
104.	B	U	1	4	G4	MC
105.	B	U	1	4	G4	MC
106.	D	U	1	4	G4	MC
107.	B	U	1	4	G4	MC
108.	D	U	1	4	G4	MC
109.	B	U	1	4	G4	MC
110.	B	U	1	4	G4	TF
111.	B	H	1	4	G4	MC
112.	B	K	1	4	G5	TF
113.	B	K	1	4	G5	TF
114.	A	U	1	4	G5	TF
115.	D	H	1	4	G5	MC
116.	C	K	1	4	G6	MC