

Science 10
Sample Exam — Item Set A
 Provincial Examination — Answer Key

Cognitive Process

K = Knowledge
U = Understanding
H = Higher Mental Processes

Question Types

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

Topics	Prescribed Learning Outcome (PLO)	Weightings
1. Applications of Science (<i>Integrated Throughout</i>)	A	5%
2. Life Science	B, C	25%
3. Physical Science	D, E, F	50%
4. Earth and Space Science	G	20%

Question Number	Keyed Response	Cognitive Process	Mark	Topic	PLO	Question Type	Question Source
1.	A	K	1	2	B1	TF	2004 SC 10 Sample A1-1
2.	C	K	1	2	B1	MC	2004 SC 10 Sample A1-2
3.	B	U	1	2	B1	TF	2004 SC 10 Sample A1-3
4.	C	K	1	2	B1	MC	2004 SC 10 Sample A1-4
5.	A	U	1	2	B3	MC	2004 SC 10 Sample A1-5
6.	A	U	1	2	B4	MC	2004 SC 10 Sample A1-6
7.	A	K	1	2	B4	MC	2004 SC 10 Sample A1-7
8.	D	U	1	2	B7	MC	2004 SC 10 Sample A1-8
9.	A	U	1	2	B7	TF	2004 SC 10 Sample A1-9
10.	B	U	1	2	B2	MC	2004 SC 10 Sample A1-10
11.	C	U	1	2	B2	MC	2004 SC 10 Sample A1-11
12.	A	U	1	2	B1	MC	2004 SC 10 Sample A1-12
13.	A	K	1	2	B5, B1	TF	2004 SC 10 Sample A1-13
14.	B	U	1	2	B6	MC	2004 SC 10 Sample A1-14
15.	D	K	1	2	C2	MT	2004 SC 10 Sample A1-15
16.	C	K	1	2	C2	MT	2004 SC 10 Sample A2-16
17.	B	K	1	2	C2	MT	2004 SC 10 Sample A2-17
18.	A	K	1	2	C2	MT	2004 SC 10 Sample A2-18
19.	D	U	1	2	C2	MC	2004 SC 10 Sample A2-19
20.	B	U	1	2	C2	MC	2004 SC 10 Sample A2-20
21.	A	U	1	2	C2	MC	2004 SC 10 Sample A2-21
22.	D	H	1	2	C2	MC	2004 SC 10 Sample A2-22
23.	D	U	1	2	C2	MC	2004 SC 10 Sample A2-23
24.	A	U	1	2	C3, 8A3	MC	2004 SC 10 Sample A2-24
25.	A	U	1	2	C4	TF	2004 SC 10 Sample A2-25
26.	D	H	1	2	C3	MC	2004 SC 10 Sample A2-28

Question Number	Keyed Response	Cognitive Process	Mark	Topic	PLO	Question Type	Question Source
27.	D	K	1	3	D2	MC	2004 SC 10 Sample A2–27
28.	A	K	1	3	D3	MC	2004 SC 10 Sample A2–28
29.	A	K	1	3	D5	TF	2004 SC 10 Sample A2–29
30.	B	U	1	3	D5	TF	2004 SC 10 Sample A2–30
31.	D	U	1	3	D2	MC	2004 SC 10 Sample A3–31
32.	B	U	1	3	D2	TF	2004 SC 10 Sample A3–32
33.	B	U	1	3	D2, D3	MC	2004 SC 10 Sample A3–33
34.	C	U	1	3	D3, D2	MC	2004 SC 10 Sample A3–34
35.	C	K	1	3	D5	MC	2004 SC 10 Sample A3–35
36.	A	U	1	3	D2	MC	2004 SC 10 Sample A3–36
37.	D	U	1	3	D5	MC	2004 SC 10 Sample A3–37
38.	C	U	1	3	D5	MC	2004 SC 10 Sample A3–38
39.	D	K	1	3	D5	MC	2004 SC 10 Sample A3–39
40.	B	H	1	3	D5, D6	MC	2004 SC 10 Sample A3–40
41.	C	U	1	3	D5, D6	MC	2004 SC 10 Sample A3–41
42.	D	U	1	3	D6	MT	2004 SC 10 Sample A3–42
43.	C	U	1	3	D6	MT	2004 SC 10 Sample A3–43
44.	A	U	1	3	D6	MT	2004 SC 10 Sample A3–44
45.	A	U	1	3	D5	MT	2004 SC 10 Sample A3–45
46.	B	H	1	3	D3, D5	MC	2004 SC 10 Sample A4–46
47.	D	U	1	3	D2, D3	MC	2004 SC 10 Sample A4–47
48.	B	U	1	3	D3	MC	2004 SC 10 Sample A4–48
49.	B	K	1	3	A4, F1	MC	2004 SC 10 Sample A6–78
50.	D	U	1	3	F1, A4	MC	2004 SC 10 Sample A6–79
51.	C	U	1	3	F2	MC	2004 SC 10 Sample A6–80
52.	C	U	1	3	F2, E1	MC	2004 SC 10 Sample A6–81
53.	B	K	1	3	F3	MC	2004 SC 10 Sample A6–82
54.	A	H	1	3	F2	MC	2004 SC 10 Sample A6–83
55.	D	U	1	3	F4	MC	2004 SC 10 Sample A6–84
56.	B	H	1	3	F4	MC	2004 SC 10 Sample A6–85
57.	A	K	1	3	F4, G3, D3	MC	2004 SC 10 Sample A6–86

Question Number	Keyed Response	Cognitive Process	Mark	Topic	PLO	Question Type	Question Source
58.	B	K	1	3	E1	TF	2004 SC 10 Sample A4–49
59.	A	K	1	3	E1	TF	2004 SC 10 Sample A4–50
60.	A	K	1	3	E2	MC	2004 SC 10 Sample A4–51
61.	B	U	1	3	E1, E2	MC	2004 SC 10 Sample A4–52
62.	A	U	1	3	E1	MC	2004 SC 10 Sample A4–53
63.	D	K	1	3	E2	MC	2004 SC 10 Sample A4–54
64.	A	K	1	3	E2	TF	2004 SC 10 Sample A4–55
65.	B	U	1	3	E4	MC	2004 SC 10 Sample A4–56
66.	A	K	1	3	E4	TF	2004 SC 10 Sample A4–57
67.	A	U	1	3	E4	MC	2004 SC 10 Sample A4–58
68.	A	U	1	3	E4	MC	2004 SC 10 Sample A4–59
69.	B	U	1	3	E4	MC	2004 SC 10 Sample A4–60
70.	A	U	1	3	E4	MC	2004 SC 10 Sample A5–61
71.	C	H	1	3	E4	MC	2004 SC 10 Sample A5–62
72.	A	U	1	3	E4	MC	2004 SC 10 Sample A5–63
73.	A	U	1	3	E4	MC	2004 SC 10 Sample A5–64
74.	C	U	1	3	E4	MC	2004 SC 10 Sample A5–65
75.	D	U	1	3	E5	MC	2004 SC 10 Sample A5–66
76.	C	U	1	3	E5	MC	2004 SC 10 Sample A5–67
77.	A	H	1	3	E5	MC	2004 SC 10 Sample A5–68
78.	C	U	1	3	E6	MC	2004 SC 10 Sample A5–69
79.	D	U	1	3	E6	MC	2004 SC 10 Sample A5–70
80.	A	K	1	3	E6	TF	2004 SC 10 Sample A5–71
81.	D	K	1	3	E5	MC	2004 SC 10 Sample A5–72
82.	C	U	1	3	E3	MC	2004 SC 10 Sample A5–73
83.	A	K	1	3	E3	TF	2004 SC 10 Sample A5–74
84.	A	K	1	3	E3	TF	2004 SC 10 Sample A5–75
85.	C	U	1	3	E3	MC	2004 SC 10 Sample A6–76
86.	C	K	1	3	E3	MC	2004 SC 10 Sample A6–77

Question Number	Keyed Response	Cognitive Process	Mark	Topic	PLO	Question Type	Question Source
87.	D	U	1	4	G2	MC	2004 SC 10 Sample A6–87
88.	A	K	1	4	G2	TF	2004 SC 10 Sample A6–88
89.	C	K	1	4	G2	MT	2004 SC 10 Sample A6–89
90.	A	K	1	4	G2	MT	2004 SC 10 Sample A7–95
91.	B	U	1	4	G2	MC	2004 SC 10 Sample A7–91
92.	B	K	1	4	G2	MC	2004 SC 10 Sample A7–92
93.	A	U	1	4	G2	MC	2004 SC 10 Sample A7–93
94.	B	K	1	4	G3	TF	2004 SC 10 Sample A7–94
95.	C	U	1	4	G3	MC	2004 SC 10 Sample A7–95
96.	B	U	1	4	G3	MC	2004 SC 10 Sample A7–96
97.	C	U	1	4	G1	MC	2004 SC 10 Sample A7–97
98.	B	U	1	1	A4, G3, G1	MC	2004 SC 10 Sample A7–98
99.	A	K	1	4	G3, F4, F5	MC	2004 SC 10 Sample A7–99
100.	B	U	1	4	G3	MC	2004 SC 10 Sample A7–100
101.	B	H	1	4	G3	MC	2004 SC 10 Sample A7–101
102.	D	K	1	4	G4	MC	2004 SC 10 Sample A7–102
103.	B	U	1	4	G4	MC	2004 SC 10 Sample A7–103
104.	B	U	1	4	G4	MC	2004 SC 10 Sample A7–104
105.	A	U	1	4	G4	MC	2004 SC 10 Sample A7–105
106.	C	U	1	4	G4, G5	MC	2004 SC 10 Sample A8–106
107.	A	U	1	4	G5	MC	2004 SC 10 Sample A8–107
108.	C	U	1	4	G1, G5	MC	2004 SC 10 Sample A8–108
109.	A	U	1	4	G6	MC	2004 SC 10 Sample A8–109
110.	B	U	1	4	G6	TF	2004 SC 10 Sample A8–110