

Applications of Mathematics 10
2007/08 Released Exam
August 2008 — Form A
 Provincial Examination — Answer Key

Cognitive Processes	Weightings	Question Types
K = Knowledge	13.3%	52 = Multiple Choice (MC)
U = Understanding	73.3%	8 = Numerical Response (NR)
H = Higher Mental Processes	13.3%	

Topics	Prescribed Learning Outcomes (PLOs)	Weightings
1. Number	A	25%
2. Patterns and Relations	B	25%
3. Shape and Space	C	38%
4. Statistics and Probability (Data Analysis)	D	12%

Question Number	Keyed Response	Cognitive Process	Mark	Topic	PLO	Question Type
1.	B	U	1	1	A2, A4	MC
2.	A	U	1	1	A3	MC
3.	D	K	1	1	A3	MC
4.	D	U	1	1	A2	MC
5.	1.20	U	1	1	A2	NR
6.	C	U	1	1	A3	MC
7.	D	K	1	1	A2	MC
8.	A	H	1	1	A2	MC
9.	B	U	1	1	A2	MC
10.	C	U	1	1	A2	MC
11.	846.00	U	1	1	A4	NR
12.	B	H	1	1	A4	MC
13.	A	U	1	1	A2	MC
14.	C	U	1	1	A2	MC
15.	D	U	1	1	A1, A3	MC

Question Number	Keyed Response	Cognitive Process	Mark	Topic	PLO	Question Type
16.	C	U	1	2	B4	MC
17.	D	U	1	2	B1	MC
18.	A	K	1	2	B2	MC
19.	13.08	U	1	2	B6	NR
20.	C	U	1	2	B4	MC
21.	C	H	1	2	B6	MC
22.	B	U	1	2	B4	MC
23.	A	K	1	2	B5	MC
24.	B	U	1	2	B6	MC
25.	A	U	1	2	B2	MC
26.	A	H	1	2	B4, B6	MC
27.	4.50	U	1	2	B6	NR
28.	D	U	1	2	B3	MC
29.	C	U	1	2	B2	MC
30.	B	U	1	2	B3	MC
31.	B	U	1	3	C1	MC
32.	C	U	1	3	C1	MC
33.	C	H	1	3	C1	MC
34.	37	U	1	3	C3	NR
35.	A	U	1	3	C3	MC
36.	B	U	1	3	C3	MC
37.	D	K	1	3	C2	MC
38.	B	U	1	3	C5	MC
39.	A	H	1	3	C8, C5	MC
40.	523–524	U	1	3	C5	NR
41.	A	K	1	3	C7, C8	MC
42.	C	U	1	3	C6	MC
43.	B	U	1	3	C6	MC
44.	D	U	1	3	C7	MC
45.	C	U	1	3	C7	MC

Question Number	Keyed Response	Cognitive Process	Mark	Topic	PLO	Question Type
46.	B	U	1	3	C9	MC
47.	D	U	1	3	C9	MC
48.	33	U	1	3	C10	NR
49.	D	U	1	3	C10	MC
50.	C	U	1	3	C12, C11	MC
51.	D	H	1	3	C12, C11	MC
52.	A	K	1	3	C11	MC
53.	C	U	1	4	D1	MC
54.	C	H	1	4	D4	MC
55.	A	U	1	4	D1	MC
56.	A	K	1	4	D3	MC
57.	-1.91 to -1.90	U	1	4	D1	NR
58.	B	U	1	4	D4	MC
59.	D	U	1	4	D3	MC
60.	B	U	1	4	D2	MC