

Applications of Mathematics 10
2005 Released Exam
 Provincial Examination — Answer Key

Cognitive Processes

K = Knowledge
U = Understanding
H = Higher Mental Processes

Question Types

36 = Multiple Choice (MC)
12 = Matching (MT)
8 = Numerical Response (NR)
4 = True and False (TF)

Topics

1. Problem Solving
2. Number
3. Patterns and Relations
4. Shape and Space
5. Statistics and Probability (Chance and Uncertainty)

Prescribed Learning Outcomes (PLOs)

- A
 B
 C
 D
 E

Weightings

Integrated Throughout
 20 – 30%
 25%
 35 – 40%
 10 – 15%

Question Number	Keyed Response	Cognitive Process	Mark	Topic	PLO	Question Type	Question Source
1.	A	U+	1	2	B7	TF	AMA 10 2005 Released A1–1
2.	E	U–	1	2	B1	MT	AMA 10 2005 Released A1–2
3.	B	U–	1	2	B1	MT	AMA 10 2005 Released A1–3
4.	F	U+	1	2	B1	MT	AMA 10 2005 Released A1–4
5.	650.00	H	1	2	B2	NR	AMA 10 2005 Released A1–5
6.	A	K	1	2	B1	MC	AMA 10 2005 Released A1–6
7.	D	U+	1	2	B5	MC	AMA 10 2005 Released A1–7
8.	A	U–	1	2	B7	MC	AMA 10 2005 Released A1–8
9.	D	K	1	2	B2	MC	AMA 10 2005 Released A1–9
10.	D	U+	1	2	B2	MC	AMA 10 2005 Released A1–10
11.	219.00	U–	1	2	B7	NR	AMA 10 2005 Released A1–11
12.	B	U–	1	2	B2	MC	AMA 10 2005 Released A1–12
13.	D	H	1	2	B6	MC	AMA 10 2005 Released A1–13
14.	C	U–	1	2	B3	MC	AMA 10 2005 Released A1–14
15.	A	U+	1	2	B4	MC	AMA 10 2005 Released A1–15

Question Number	Keyed Response	Cognitive Process	Mark	Topic	PLO	Question Type	Question Source
16.	B	U-	1	3	C2	TF	AMA 10 2005 Released A2-16
17.	C	U-	1	3	C1	MC	AMA 10 2005 Released A2-17
18.	B	U+	1	3	C4	MC	AMA 10 2005 Released A2-18
19.	325	U-	1	3	C5	NR	AMA 10 2005 Released A2-19
20.	B	U-	1	3	C6	MC	AMA 10 2005 Released A2-20
21.	D	H	1	3	C7	MC	AMA 10 2005 Released A2-21
22.	C	U-	1	3	C3	MC	AMA 10 2005 Released A2-22
23.	B	U+	1	3	C6	MC	AMA 10 2005 Released A2-23
24.	A	K	1	3	C4	MT	AMA 10 2005 Released A2-24
25.	D	U+	1	3	C4	MT	AMA 10 2005 Released A2-25
26.	G	U+	1	3	C4	MT	AMA 10 2005 Released A2-26
27.	7	U+	1	3	C5	NR	AMA 10 2005 Released A2-27
28.	A	K	1	3	C7	MC	AMA 10 2005 Released A2-28
29.	B	U+	1	3	C8	MC	AMA 10 2005 Released A2-29
30.	A	H	1	3	C8	MC	AMA 10 2005 Released A2-30
31.	G	U-	1	4	D1	MT	AMA 10 2005 Released A3-31
32.	A	U+	1	4	D1	MT	AMA 10 2005 Released A3-32
33.	E	U+	1	4	D1	MT	AMA 10 2005 Released A3-33
34.	400	U+	1	4	D2	NR	AMA 10 2005 Released A3-34
35.	C	U+	1	4	D2	MC	AMA 10 2005 Released A3-35
36.	A	H	1	4	D3	MC	AMA 10 2005 Released A3-36
37.	D	U+	1	4	D3	MC	AMA 10 2005 Released A3-37
38.	D	U-	1	4	D4	MC	AMA 10 2005 Released A3-38
39.	A	K	1	4	D5	MC	AMA 10 2005 Released A3-39
40.	7.09	U+	1	4	D5	NR	AMA 10 2005 Released A3-40
41.	C	U-	1	4	D8	TF	AMA 10 2005 Released A3-41
42.	D	K	1	4	D6	MC	AMA 10 2005 Released A3-42
43.	C	U-	1	4	D7	MC	AMA 10 2005 Released A3-43
44.	B	H	1	4	D8	MC	AMA 10 2005 Released A3-44
45.	B	U+	1	4	D9	MC	AMA 10 2005 Released A3-45

Question Number	Keyed Response	Cognitive Process	Mark	Topic	PLO	Question Type	Question Source
46.	D	U-	1	4	D10	MC	AMA10 2005 Released A4-46
47.	A	U+	1	4	D13	MC	AMA10 2005 Released A4-47
48.	18.44	U+	1	4	D10, D11	NR	AMA10 2005 Released A4-48
49.	D	U+	1	4	D11	MC	AMA10 2005 Released A4-49
50.	A	K	1	4	D14	MC	AMA10 2005 Released A4-50
51.	C	U+	1	5	E2	MC	AMA10 2005 Released A4-51
52.	C	H	1	4	D13	MC	AMA10 2005 Released A4-52
53.	B	U-	1	4	D12	TF	AMA10 2005 Released A4-53
54.	D	U-	1	5	E1	MT	AMA10 2005 Released A4-54
55.	A	U-	1	5	E1	MT	AMA10 2005 Released A4-55
56.	B	U-	1	5	E1	MT	AMA10 2005 Released A4-56
57.	896	H	1	5	E3	NR	AMA10 2005 Released A4-57
58.	D	K	1	4	D14	MC	AMA10 2005 Released A4-58
59.	A	U+	1	5	E5	MC	AMA10 2005 Released A4-59
60.	D	U-	1	5	E4	MC	AMA10 2005 Released A4-60