

Principles of Mathematics 10

Sample Exam B

Answer Key

(Updated October 2006)

Cognitive Processes

K = Knowledge
U = Understanding
H = Higher Mental Processes

Weightings

13.3%
 73.3%
 13.3%

Question Types

52 = Multiple Choice (MC)
8 = Numerical Response (NR)

Topics

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

Weightings

Integrated Throughout
 20%
 50%
 25%
 5%

Prescribed Learning Outcomes (PLOs)

A
 B
 C
 D
 E

Question Number	Keyed Response	Cognitive Process	Mark	Topic	PLO	Question Type
1.	B	K	1	5	E1	MC
2.	C	U	1	5	E1	MC
3.	C	U	1	5	E2	MC
4.	B	K	1	2	B3	MC
5.	C	U	1	2	B3	MC
6.	A	U	1	2	B1	MC
7.	523.59	U	1	2	B2	NR
8.	D	U	1	2	B5	MC
9.	B	H	1	2	B5	MC
10.	A	U	1	2	B8	MC
11.	C	U	1	2	B8	MC
12.	C	H	1	2	B8	MC
13.	C	U	1	2	B9	MC
14.	D	U	1	2	B9	MC
15.	-0.25	U	1	2	B9	NR
16.	D	K	1	3	C1	MC
17.	A	U	1	3	C1	MC
18.	D	U	1	3	C2	MC
19.	C	U	1	3	C4	MC
20.	400	U	1	3	C2	NR
21.	B	U	1	3	C13	MC
22.	D	H	1	3	C15	MC
23.	B	U	1	3	C17	MC
24.	D	U	1	3	C17	MC

Question Number	Keyed Response	Cognitive Process	Mark	Topic	PLO	Question Type
25.	A	U	1	3	C18	MC
26.	A	K	1	3	C18	MC
27.	C	U	1	3	C18	MC
28.	D	H	1	3	C16	MC
29.	B	U	1	3	C19	MC
30.	500	U	1	3	C19	NR
31.	A	U	1	3	C5	MC
32.	B	H	1	3	C5	MC
33.	81	U	1	3	C5	NR
34.	B	U	1	3	C6	MC
35.	C	U	1	3	C6	MC
36.	D	U	1	3	C6	MC
37.	C	U	1	3	C9	MC
38.	A	U	1	3	C8	MC
39.	C	U	1	3	C8	MC
40.	D	H	1	3	C8	MC
41.	-5	U	1	3	C11	NR
42.	B	U	1	3	C11	MC
43.	A	K	1	3	C10	MC
44.	B	U	1	3	C10	MC
45.	D	K	1	3	C7	MC
46.	A	K	1	4	D5	MC
47.	C	U	1	4	D5	MC
48.	B	U	1	4	D5	MC
49.	59.56	U	1	4	D3	NR
50.	B	H	1	4	D3	MC
51.	D	K	1	4	D4	MC
52.	C	U	1	4	D6	MC
53.	B	U	1	4	D7	MC
54.	D	U	1	4	D9	MC
55.	10	U	1	4	D8	NR
56.	B	U	1	4	D9	MC
57.	A	U	1	4	D10	MC
58.	A	U	1	4	D10	MC
59.	D	U	1	4	D2	MC
60.	C	H	1	4	D1	MC