DAIRY CATTLE

CDE# 105477

Incorrect Marks ✓ ✗ ▬ •

Correct Mark ●

Team Name

Team Number

0	0	0	0
1	1	1	1
2	2	2	2
3	3	3	3
4	4	4	4
5	5	5	5
6	6	6	6
7	7	7	7
8	8	8	8
9	9	9	9

Code

0	0
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9

State	Last Name	First Name

Placing Classes

	Place	Class 1	2	3	4	5	6	7	8	9	Place	
1	1234										1234	1
2	1243										1243	2
3	1324										1324	3
4	1342										1342	4
5	1423										1423	5
6	1432										1432	6
7	2134										2134	7
8	2143										2143	8
9	2314										2314	9
10	2341										2341	10
11	2413										2413	11
12	2431										2431	12
13	3124										3124	13
14	3142										3142	14
15	3214										3214	15
16	3241										3241	16
17	3412										3412	17
18	3421										3421	18
19	4123										4123	19
20	4132										4132	20
21	4213										4213	21
22	4231										4231	22
23	4312										4312	23
24	4321										4321	24

Herd Record (Judge)

1	2	3	4	5	6	7	8	9	10	11	12	13

14	15	16	17	18	19	20	21	22	23	24	25

Linear Evaluation Classes

	Form				Rump		Legs & Feet		Udder					Teats		
	Stature	Strength	Body Depth	Dairy Form	Rump Angle	Thurl Width	Side View Rear Legs	Foot Angle	Fore Udder Attach-ment	Rear Udder Height	Rear Udder Width	Udder Cleft	Udder Depth	Front Teat Place-ment	Teat Length	
Class 10	0 1 2 3 4 5 6 7 8 9	0 1 2 3 4 5 6 7 8 9	0 1 2 3 4 5 6 7 8 9	0 1 2 3 4 5 6 7 8 9	0 1 2 3 4 5 6 7 8 9	0 1 2 3 4 5 6 7 8 9	0 1 2 3 4 5 6 7 8 9	0 1 2 3 4 5 6 7 8 9	0 1 2 3 4 5 6 7 8 9	0 1 2 3 4 5 6 7 8 9	0 1 2 3 4 5 6 7 8 9	0 1 2 3 4 5 6 7 8 9	0 1 2 3 4 5 6 7 8 9	0 1 2 3 4 5 6 7 8 9	0 1 2 3 4 5 6 7 8 9	Class 10
Class 11	0 1 2 3 4 5 6 7 8 9	0 1 2 3 4 5 6 7 8 9	0 1 2 3 4 5 6 7 8 9	0 1 2 3 4 5 6 7 8 9	0 1 2 3 4 5 6 7 8 9	0 1 2 3 4 5 6 7 8 9	0 1 2 3 4 5 6 7 8 9	0 1 2 3 4 5 6 7 8 9	0 1 2 3 4 5 6 7 8 9	0 1 2 3 4 5 6 7 8 9	0 1 2 3 4 5 6 7 8 9	0 1 2 3 4 5 6 7 8 9	0 1 2 3 4 5 6 7 8 9	0 1 2 3 4 5 6 7 8 9	0 1 2 3 4 5 6 7 8 9	Class 11
Class 12	0 1 2 3 4 5 6 7 8 9	0 1 2 3 4 5 6 7 8 9	0 1 2 3 4 5 6 7 8 9	0 1 2 3 4 5 6 7 8 9	0 1 2 3 4 5 6 7 8 9	0 1 2 3 4 5 6 7 8 9	0 1 2 3 4 5 6 7 8 9	0 1 2 3 4 5 6 7 8 9	0 1 2 3 4 5 6 7 8 9	0 1 2 3 4 5 6 7 8 9	0 1 2 3 4 5 6 7 8 9	0 1 2 3 4 5 6 7 8 9	0 1 2 3 4 5 6 7 8 9	0 1 2 3 4 5 6 7 8 9	0 1 2 3 4 5 6 7 8 9	Class 12
Class 13	0 1 2 3 4 5 6 7 8 9	0 1 2 3 4 5 6 7 8 9	0 1 2 3 4 5 6 7 8 9	0 1 2 3 4 5 6 7 8 9	0 1 2 3 4 5 6 7 8 9	0 1 2 3 4 5 6 7 8 9	0 1 2 3 4 5 6 7 8 9	0 1 2 3 4 5 6 7 8 9	0 1 2 3 4 5 6 7 8 9	0 1 2 3 4 5 6 7 8 9	0 1 2 3 4 5 6 7 8 9	0 1 2 3 4 5 6 7 8 9	0 1 2 3 4 5 6 7 8 9	0 1 2 3 4 5 6 7 8 9	0 1 2 3 4 5 6 7 8 9	Class 13
Class 14	0 1 2 3 4 5 6 7 8 9	0 1 2 3 4 5 6 7 8 9	0 1 2 3 4 5 6 7 8 9	0 1 2 3 4 5 6 7 8 9	0 1 2 3 4 5 6 7 8 9	0 1 2 3 4 5 6 7 8 9	0 1 2 3 4 5 6 7 8 9	0 1 2 3 4 5 6 7 8 9	0 1 2 3 4 5 6 7 8 9	0 1 2 3 4 5 6 7 8 9	0 1 2 3 4 5 6 7 8 9	0 1 2 3 4 5 6 7 8 9	0 1 2 3 4 5 6 7 8 9	0 1 2 3 4 5 6 7 8 9	0 1 2 3 4 5 6 7 8 9	Class 14

Written Exam

1	A B C D E	27	A B C D E
2	A B C D E	28	A B C D E
3	A B C D E	29	A B C D E
4	A B C D E	30	A B C D E
5	A B C D E	31	A B C D E
6	A B C D E	32	A B C D E
7	A B C D E	33	A B C D E
8	A B C D E	34	A B C D E
9	A B C D E	35	A B C D E
10	A B C D E	36	A B C D E
11	A B C D E	37	A B C D E
12	A B C D E	38	A B C D E
13	A B C D E	39	A B C D E
14	A B C D E	40	A B C D E
15	A B C D E	41	A B C D E
16	A B C D E	42	A B C D E
17	A B C D E	43	A B C D E
18	A B C D E	44	A B C D E
19	A B C D E	45	A B C D E
20	A B C D E	46	A B C D E
21	A B C D E	47	A B C D E
22	A B C D E	48	A B C D E
23	A B C D E	49	A B C D E
24	A B C D E	50	A B C D E
25	A B C D E		
26	A B C D E		

Reasons

Class 15	Class 16	Class 17
0 1 2 3 4 5 6 7 8 9	0 1 2 3 4 5 6 7 8 9	0 1 2 3 4 5 6 7 8 9

Forestry - Form #: 530-2

Incorrect Marks Correct Mark

Team Name / Additional Info

Team #	State	Last Name	First Name

Code

Tree Identification

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20

Volume Calculation Space

Timber Cruising

	Volume	Volume	Exam 1
			1
			2
Ht 10			3
			4
DBH 10			5
			6
Ht 9			7
			8
DBH 9			9
			10
Ht 8			11
			12
			13
DBH 8			14
			15
Ht 7			16
			17
			18
DBH 7			19
			20
Ht 6			21
			22
			23
DBH 6			24
			25
Ht 5			26
			27
			28
DBH 5			29
			30
Ht 4			31
			32
			33
DBH 4			34
			35
Ht 3			36
			37
			38
DBH 3			39
			40
Ht 2			41
			42
			43
DBH 2			44
			45
Ht 1			46
			47
			48
DBH 1			49
			50

Exam 2

1	A	B	C	D	E	11	A	B	C	D	E	21	A	B	C	D	E
2	A	B	C	D	E	12	A	B	C	D	E	22	A	B	C	D	E
3	A	B	C	D	E	13	A	B	C	D	E	23	A	B	C	D	E
4	A	B	C	D	E	14	A	B	C	D	E	24	A	B	C	D	E
5	A	B	C	D	E	15	A	B	C	D	E	25	A	B	C	D	E
6	A	B	C	D	E	16	A	B	C	D	E	26	A	B	C	D	E
7	A	B	C	D	E	17	A	B	C	D	E	27	A	B	C	D	E
8	A	B	C	D	E	18	A	B	C	D	E	28	A	B	C	D	E
9	A	B	C	D	E	19	A	B	C	D	E	29	A	B	C	D	E
10	A	B	C	D	E	20	A	B	C	D	E	30	A	B	C	D	E

Exam 3

1	A	B	C	D	E	11	A	B	C	D	E
2	A	B	C	D	E	12	A	B	C	D	E
3	A	B	C	D	E	13	A	B	C	D	E
4	A	B	C	D	E	14	A	B	C	D	E
5	A	B	C	D	E	15	A	B	C	D	E
6	A	B	C	D	E	16	A	B	C	D	E
7	A	B	C	D	E	17	A	B	C	D	E
8	A	B	C	D	E	18	A	B	C	D	E
9	A	B	C	D	E	19	A	B	C	D	E
10	A	B	C	D	E	20	A	B	C	D	E

Practicums

1	2	3
0	0	0
1	1	1
2	2	2
3	3	3
4	4	4
5	5	5
6	6	6
7	7	7
8	8	8
9	9	9

4	5	6
0	0	0
1	1	1
2	2	2
3	3	3
4	4	4
5	5	5
6	6	6
7	7	7
8	8	8
9	9	9

Equipment Identification

25	0	1	2	3	4	5	6	7	8	9
24	0	1	2	3	4	5	6	7	8	9
23	0	1	2	3	4	5	6	7	8	9
22	0	1	2	3	4	5	6	7	8	9
21	0	1	2	3	4	5	6	7	8	9
20	0	1	2	3	4	5	6	7	8	9
19	0	1	2	3	4	5	6	7	8	9
18	0	1	2	3	4	5	6	7	8	9
17	0	1	2	3	4	5	6	7	8	9
16	0	1	2	3	4	5	6	7	8	9
15	0	1	2	3	4	5	6	7	8	9
14	0	1	2	3	4	5	6	7	8	9
13	0	1	2	3	4	5	6	7	8	9
12	0	1	2	3	4	5	6	7	8	9
11	0	1	2	3	4	5	6	7	8	9
10	0	1	2	3	4	5	6	7	8	9
9	0	1	2	3	4	5	6	7	8	9
8	0	1	2	3	4	5	6	7	8	9
7	0	1	2	3	4	5	6	7	8	9
6	0	1	2	3	4	5	6	7	8	9
5	0	1	2	3	4	5	6	7	8	9
4	0	1	2	3	4	5	6	7	8	9
3	0	1	2	3	4	5	6	7	8	9
2	0	1	2	3	4	5	6	7	8	9
1	0	1	2	3	4	5	6	7	8	9

Forestry Disorders

1	2	3	4	5	6	7	8	9	10
0	0	0	0	0	0	0	0	0	0
1	1	1	1	1	1	1	1	1	1
2	2	2	2	2	2	2	2	2	2
3	3	3	3	3	3	3	3	3	3
4	4	4	4	4	4	4	4	4	4
5	5	5	5	5	5	5	5	5	5
6	6	6	6	6	6	6	6	6	6
7	7	7	7	7	7	7	7	7	7
8	8	8	8	8	8	8	8	8	8
9	9	9	9	9	9	9	9	9	9

11	12	13	14	15	16	17	18	19	20
0	0	0	0	0	0	0	0	0	0
1	1	1	1	1	1	1	1	1	1
2	2	2	2	2	2	2	2	2	2
3	3	3	3	3	3	3	3	3	3
4	4	4	4	4	4	4	4	4	4
5	5	5	5	5	5	5	5	5	5
6	6	6	6	6	6	6	6	6	6
7	7	7	7	7	7	7	7	7	7
8	8	8	8	8	8	8	8	8	8
9	9	9	9	9	9	9	9	9	9

Compass Practicum

	1	2	3	4	5	6	7	8	9	10
AZIMUTH	0	0	0	0	0	0	0	0	0	0
	1	1	1	1	1	1	1	1	1	1
	2	2	2	2	2	2	2	2	2	2
	3	3	3	3	3	3	3	3	3	3
	4	4	4	4	4	4	4	4	4	4
	5	5	5	5	5	5	5	5	5	5
	6	6	6	6	6	6	6	6	6	6
	7	7	7	7	7	7	7	7	7	7
	8	8	8	8	8	8	8	8	8	8
	9	9	9	9	9	9	9	9	9	9

	1	2	3	4	5	6	7	8	9	10
DISTANCE	0	0	0	0	0	0	0	0	0	0
	1	1	1	1	1	1	1	1	1	1
	2	2	2	2	2	2	2	2	2	2
	3	3	3	3	3	3	3	3	3	3
	4	4	4	4	4	4	4	4	4	4
	5	5	5	5	5	5	5	5	5	5
	6	6	6	6	6	6	6	6	6	6
	7	7	7	7	7	7	7	7	7	7
	8	8	8	8	8	8	8	8	8	8
	9	9	9	9	9	9	9	9	9	9

Food Science - Form #713-3

Incorrect Marks Correct Mark

Team Name

This sheet is for demonstration and practice only. You must use a real scan sheet for actual competition.

Team #

0	0	0	0
1	1	1	1
2	2	2	2
3	3	3	3
4	4	4	4
5	5	5	5
6	6	6	6
7	7	7	7
8	8	8	8
9	9	9	9

Code

0	0
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9

Last Name / **First Name**

A	A	A	A	A	A	A	A	A	A	A	A
B	B	B	B	B	B	B	B	B	B	B	B
C	C	C	C	C	C	C	C	C	C	C	C
D	D	D	D	D	D	D	D	D	D	D	D
E	E	E	E	E	E	E	E	E	E	E	E
F	F	F	F	F	F	F	F	F	F	F	F
G	G	G	G	G	G	G	G	G	G	G	G
H	H	H	H	H	H	H	H	H	H	H	H
I	I	I	I	I	I	I	I	I	I	I	I
J	J	J	J	J	J	J	J	J	J	J	J
K	K	K	K	K	K	K	K	K	K	K	K
L	L	L	L	L	L	L	L	L	L	L	L
M	M	M	M	M	M	M	M	M	M	M	M
N	N	N	N	N	N	N	N	N	N	N	N
O	O	O	O	O	O	O	O	O	O	O	O
P	P	P	P	P	P	P	P	P	P	P	P
Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
R	R	R	R	R	R	R	R	R	R	R	R
S	S	S	S	S	S	S	S	S	S	S	S
T	T	T	T	T	T	T	T	T	T	T	T
U	U	U	U	U	U	U	U	U	U	U	U
V	V	V	V	V	V	V	V	V	V	V	V
W	W	W	W	W	W	W	W	W	W	W	W
X	X	X	X	X	X	X	X	X	X	X	X
Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z

Objective Test

1	A	B	C	D	E	26	A	B	C	D	E
2	A	B	C	D	E	27	A	B	C	D	E
3	A	B	C	D	E	28	A	B	C	D	E
4	A	B	C	D	E	29	A	B	C	D	E
5	A	B	C	D	E	30	A	B	C	D	E
6	A	B	C	D	E	31	A	B	C	D	E
7	A	B	C	D	E	32	A	B	C	D	E
8	A	B	C	D	E	33	A	B	C	D	E
9	A	B	C	D	E	34	A	B	C	D	E
10	A	B	C	D	E	35	A	B	C	D	E
11	A	B	C	D	E	36	A	B	C	D	E
12	A	B	C	D	E	37	A	B	C	D	E
13	A	B	C	D	E	38	A	B	C	D	E
14	A	B	C	D	E	39	A	B	C	D	E
15	A	B	C	D	E	40	A	B	C	D	E
16	A	B	C	D	E	41	A	B	C	D	E
17	A	B	C	D	E	42	A	B	C	D	E
18	A	B	C	D	E	43	A	B	C	D	E
19	A	B	C	D	E	44	A	B	C	D	E
20	A	B	C	D	E	45	A	B	C	D	E
21	A	B	C	D	E	46	A	B	C	D	E
22	A	B	C	D	E	47	A	B	C	D	E
23	A	B	C	D	E	48	A	B	C	D	E
24	A	B	C	D	E	49	A	B	C	D	E
25	A	B	C	D	E	50	A	B	C	D	E

Sensory Evaluation Practicum

Triangle Tests

1			2			3			4		
0	0	0	0	0	0	0	0	0	0	0	0
1	1	1	1	1	1	1	1	1	1	1	1
2	2	2	2	2	2	2	2	2	2	2	2
3	3	3	3	3	3	3	3	3	3	3	3
4	4	4	4	4	4	4	4	4	4	4	4
5	5	5	5	5	5	5	5	5	5	5	5
6	6	6	6	6	6	6	6	6	6	6	6
7	7	7	7	7	7	7	7	7	7	7	7
8	8	8	8	8	8	8	8	8	8	8	8
9	9	9	9	9	9	9	9	9	9	9	9

Aromas

1	2	3	4	5	6	7	8	9	10
0	0	0	0	0	0	0	0	0	0
1	1	1	1	1	1	1	1	1	1
2	2	2	2	2	2	2	2	2	2
3	3	3	3	3	3	3	3	3	3
4	4	4	4	4	4	4	4	4	4
5	5	5	5	5	5	5	5	5	5
6	6	6	6	6	6	6	6	6	6
7	7	7	7	7	7	7	7	7	7
8	8	8	8	8	8	8	8	8	8
9	9	9	9	9	9	9	9	9	9

Problem Solving / Math Practicum

1	A	B	C	D	E
2	A	B	C	D	E
3	A	B	C	D	E
4	A	B	C	D	E
5	A	B	C	D	E

Food Safety and Quality Practicum

Customer Inquiry

Scenario	The issue represented in this scenario is a: Food Quality Issue	Food Safety Issue	Is the concern or hazard primarily: Biological	Chemical	Physical
1	Q	S	B	C	P
2	Q	S	B	C	P
3	Q	S	B	C	P
4	Q	S	B	C	P
5	Q	S	B	C	P

Product Specification Compliance

1	A	B	C	D	E
2	A	B	C	D	E
3	A	B	C	D	E
4	A	B	C	D	E
5	A	B	C	D	E

4-H / FFA Meat Evaluation
Form #480-4

Incorrect Marks ✓ ✗ ▬ • Correct Mark ●

Team Name/Additional Info

Team #

0	0	0	0
1	1	1	1
2	2	2	2
3	3	3	3
4	4	4	4
5	5	5	5
6	6	6	6
7	7	7	7
8	8	8	8
9	9	9	9

State | **Last Name** | **First Name**

A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B
C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E
F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H
I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I
J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J
K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K
L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L
M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M
N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V
W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W
X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z

Placing Classes

Mark one answer in each column!

		1	2	3	4	5	6	
1	1234							1234
2	1243							1243
3	1324							1324
4	1342							1342
5	1423							1423
6	1432							1432
7	2134							2134
8	2143							2143
9	2314							2314
10	2341							2341
11	2413							2413
12	2431							2431
13	3124							3124
14	3142							3142
15	3214							3214
16	3241							3241
17	3412							3412
18	3421							3421
19	4123							4123
20	4132							4132
21	4213							4213
22	4231							4231
23	4312							4312
24	4321							4321
		1	2	3	4	5	6	

Code

0	0
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9

Meat Formulation

Solution		Questions					
1	6	1	A	B	C	D	E
2	7	2	A	B	C	D	E
3	8	3	A	B	C	D	E
4	9	4	A	B	C	D	E
5	10	5	A	B	C	D	E
		6	A	B	C	D	E
		7	A	B	C	D	E
		8	A	B	C	D	E

Keep/Cull

Mark 4 Keeps and 4 Culls!

#	Keep	Cull
1	K	C
2	K	C
3	K	C
4	K	C
5	K	C
6	K	C
7	K	C
8	K	C

Written Exam

1	A	B	C	D	E	11	A	B	C	D	E	21	A	B	C	D	E
2	A	B	C	D	E	12	A	B	C	D	E	22	A	B	C	D	E
3	A	B	C	D	E	13	A	B	C	D	E	23	A	B	C	D	E
4	A	B	C	D	E	14	A	B	C	D	E	24	A	B	C	D	E
5	A	B	C	D	E	15	A	B	C	D	E	25	A	B	C	D	E
6	A	B	C	D	E	16	A	B	C	D	E	26	A	B	C	D	E
7	A	B	C	D	E	17	A	B	C	D	E	27	A	B	C	D	E
8	A	B	C	D	E	18	A	B	C	D	E	28	A	B	C	D	E
9	A	B	C	D	E	19	A	B	C	D	E	29	A	B	C	D	E
10	A	B	C	D	E	20	A	B	C	D	E	30	A	B	C	D	E

Questions on Placing Classes

1	1	2	3	4
2	1	2	3	4
3	1	2	3	4
4	1	2	3	4
5	1	2	3	4
6	1	2	3	4
7	1	2	3	4
8	1	2	3	4
9	1	2	3	4
10	1	2	3	4

Beef Carcass Quality Grading

Make only one mark in each row!

#	Prime High	Prime Average	Prime Low	Choice High	Choice Average	Choice Low	Select High	Select Low	Stan-dard High	Stan-dard Low	Commercial High	Commercial Average	Commercial Low	Utility High	Utility Average	Utility Low
1	Pr+	Pr	Pr-	Ch+	Ch	Ch-	Se+	Se-	St+	St-	Cm+	Cm	Cm-	Ut+	Ut	Ut-
2	Pr+	Pr	Pr-	Ch+	Ch	Ch-	Se+	Se-	St+	St-	Cm+	Cm	Cm-	Ut+	Ut	Ut-
3	Pr+	Pr	Pr-	Ch+	Ch	Ch-	Se+	Se-	St+	St-	Cm+	Cm	Cm-	Ut+	Ut	Ut-
4	Pr+	Pr	Pr-	Ch+	Ch	Ch-	Se+	Se-	St+	St-	Cm+	Cm	Cm-	Ut+	Ut	Ut-
5	Pr+	Pr	Pr-	Ch+	Ch	Ch-	Se+	Se-	St+	St-	Cm+	Cm	Cm-	Ut+	Ut	Ut-
6	Pr+ 1	Pr 2	Pr- 3	Ch+ 4	Ch 5	Ch- 6	Se+ 7	Se- 8	St+ 9	St- 10	Cm+ 11	Cm 12	Cm- 13	Ut+ 14	Ut 15	Ut- 16

Beef Carcass Yield Grading

Example #	Whole Grades	Tenths of Grades
	3 (1 2 ● 4 5)	7 (0 1 2 3 4 5 6 ● 8 9)
1	1 2 3 4 5	0 1 2 3 4 5 6 7 8 9
2	1 2 3 4 5	0 1 2 3 4 5 6 7 8 9
3	1 2 3 4 5	0 1 2 3 4 5 6 7 8 9
4	1 2 3 4 5	0 1 2 3 4 5 6 7 8 9
5	1 2 3 4 5	0 1 2 3 4 5 6 7 8 9
6	1 2 3 4 5	0 1 2 3 4 5 6 7 8 9

Reasons

1	2	3
0	0	0
1	1	1
2	2	2
3	3	3
4	4	4
5	5	5
	6	6
	7	7
	8	8
	9	9

Team Activities

Questions	A	B	C	D	E
1	A	B	C	D	E
2	A	B	C	D	E
3	A	B	C	D	E
4	A	B	C	D	E
5	A	B	C	D	E
6	A	B	C	D	E
7	A	B	C	D	E
8	A	B	C	D	E
9	A	B	C	D	E
10	A	B	C	D	E

Keep/Cull

Mark 4 Keeps and 4 Culls!

#	Keep	Cull
1	K	C
2	K	C
3	K	C
4	K	C
5	K	C
6	K	C
7	K	C
8	K	C

Placing Class

1	1234	2	1243	3	1324	4	1342	5	1423	6	1432	7	2134	8	2143	9	2314	10	2341	11	2413	12	2431	13	3124
14	3142	15	3214	16	3241	17	3412	18	3421	19	4123	20	4132	21	4213	22	4231	23	4312	24	4321				

PRINT

SCANTRON Mark Reflex® EM-289526-1:654321 ED99

Meat Identification - Retail Cuts

ID #	Species	Primal	Retail First Digit	Retail Second Digit	Cookery
1	B P L	A B C D E F G H I J K L M N	0 1 2 3 4 5 6 7 8 9	0 1 2 3 4 5 6 7 8 9	D M D/M
2	B P L	A B C D E F G H I J K L M N	0 1 2 3 4 5 6 7 8 9	0 1 2 3 4 5 6 7 8 9	D M D/M
3	B P L	A B C D E F G H I J K L M N	0 1 2 3 4 5 6 7 8 9	0 1 2 3 4 5 6 7 8 9	D M D/M
4	B P L	A B C D E F G H I J K L M N	0 1 2 3 4 5 6 7 8 9	0 1 2 3 4 5 6 7 8 9	D M D/M
5	B P L	A B C D E F G H I J K L M N	0 1 2 3 4 5 6 7 8 9	0 1 2 3 4 5 6 7 8 9	D M D/M
6	B P L	A B C D E F G H I J K L M N	0 1 2 3 4 5 6 7 8 9	0 1 2 3 4 5 6 7 8 9	D M D/M
7	B P L	A B C D E F G H I J K L M N	0 1 2 3 4 5 6 7 8 9	0 1 2 3 4 5 6 7 8 9	D M D/M
8	B P L	A B C D E F G H I J K L M N	0 1 2 3 4 5 6 7 8 9	0 1 2 3 4 5 6 7 8 9	D M D/M
9	B P L	A B C D E F G H I J K L M N	0 1 2 3 4 5 6 7 8 9	0 1 2 3 4 5 6 7 8 9	D M D/M
10	B P L	A B C D E F G H I J K L M N	0 1 2 3 4 5 6 7 8 9	0 1 2 3 4 5 6 7 8 9	D M D/M
11	B P L	A B C D E F G H I J K L M N	0 1 2 3 4 5 6 7 8 9	0 1 2 3 4 5 6 7 8 9	D M D/M
12	B P L	A B C D E F G H I J K L M N	0 1 2 3 4 5 6 7 8 9	0 1 2 3 4 5 6 7 8 9	D M D/M
13	B P L	A B C D E F G H I J K L M N	0 1 2 3 4 5 6 7 8 9	0 1 2 3 4 5 6 7 8 9	D M D/M
14	B P L	A B C D E F G H I J K L M N	0 1 2 3 4 5 6 7 8 9	0 1 2 3 4 5 6 7 8 9	D M D/M
15	B P L	A B C D E F G H I J K L M N	0 1 2 3 4 5 6 7 8 9	0 1 2 3 4 5 6 7 8 9	D M D/M
16	B P L	A B C D E F G H I J K L M N	0 1 2 3 4 5 6 7 8 9	0 1 2 3 4 5 6 7 8 9	D M D/M
17	B P L	A B C D E F G H I J K L M N	0 1 2 3 4 5 6 7 8 9	0 1 2 3 4 5 6 7 8 9	D M D/M
18	B P L	A B C D E F G H I J K L M N	0 1 2 3 4 5 6 7 8 9	0 1 2 3 4 5 6 7 8 9	D M D/M
19	B P L	A B C D E F G H I J K L M N	0 1 2 3 4 5 6 7 8 9	0 1 2 3 4 5 6 7 8 9	D M D/M
20	B P L	A B C D E F G H I J K L M N	0 1 2 3 4 5 6 7 8 9	0 1 2 3 4 5 6 7 8 9	D M D/M
21	B P L	A B C D E F G H I J K L M N	0 1 2 3 4 5 6 7 8 9	0 1 2 3 4 5 6 7 8 9	D M D/M
22	B P L	A B C D E F G H I J K L M N	0 1 2 3 4 5 6 7 8 9	0 1 2 3 4 5 6 7 8 9	D M D/M
23	B P L	A B C D E F G H I J K L M N	0 1 2 3 4 5 6 7 8 9	0 1 2 3 4 5 6 7 8 9	D M D/M
24	B P L	A B C D E F G H I J K L M N	0 1 2 3 4 5 6 7 8 9	0 1 2 3 4 5 6 7 8 9	D M D/M
25	B P L	A B C D E F G H I J K L M N	0 1 2 3 4 5 6 7 8 9	0 1 2 3 4 5 6 7 8 9	D M D/M
26	B P L	A B C D E F G H I J K L M N	0 1 2 3 4 5 6 7 8 9	0 1 2 3 4 5 6 7 8 9	D M D/M
27	B P L	A B C D E F G H I J K L M N	0 1 2 3 4 5 6 7 8 9	0 1 2 3 4 5 6 7 8 9	D M D/M
28	B P L	A B C D E F G H I J K L M N	0 1 2 3 4 5 6 7 8 9	0 1 2 3 4 5 6 7 8 9	D M D/M
29	B P L	A B C D E F G H I J K L M N	0 1 2 3 4 5 6 7 8 9	0 1 2 3 4 5 6 7 8 9	D M D/M
30	B P L	A B C D E F G H I J K L M N	0 1 2 3 4 5 6 7 8 9	0 1 2 3 4 5 6 7 8 9	D M D/M
31	B P L	A B C D E F G H I J K L M N	0 1 2 3 4 5 6 7 8 9	0 1 2 3 4 5 6 7 8 9	D M D/M
32	B P L	A B C D E F G H I J K L M N	0 1 2 3 4 5 6 7 8 9	0 1 2 3 4 5 6 7 8 9	D M D/M
33	B P L	A B C D E F G H I J K L M N	0 1 2 3 4 5 6 7 8 9	0 1 2 3 4 5 6 7 8 9	D M D/M
34	B P L	A B C D E F G H I J K L M N	0 1 2 3 4 5 6 7 8 9	0 1 2 3 4 5 6 7 8 9	D M D/M
35	B P L	A B C D E F G H I J K L M N	0 1 2 3 4 5 6 7 8 9	0 1 2 3 4 5 6 7 8 9	D M D/M
36	B P L	A B C D E F G H I J K L M N	0 1 2 3 4 5 6 7 8 9	0 1 2 3 4 5 6 7 8 9	D M D/M
37	B P L	A B C D E F G H I J K L M N	0 1 2 3 4 5 6 7 8 9	0 1 2 3 4 5 6 7 8 9	D M D/M
38	B P L	A B C D E F G H I J K L M N	0 1 2 3 4 5 6 7 8 9	0 1 2 3 4 5 6 7 8 9	D M D/M
39	B P L	A B C D E F G H I J K L M N	0 1 2 3 4 5 6 7 8 9	0 1 2 3 4 5 6 7 8 9	D M D/M
40	B P L	A B C D E F G H I J K L M N	0 1 2 3 4 5 6 7 8 9	0 1 2 3 4 5 6 7 8 9	D M D/M

EXAMPLE

Species

B Beef P Pork L Lamb

Primal Cuts

A Breast
B Brisket
C Chuck
D Flank
E Ham or Leg
F Loin
G Plate
H Rib or Rack
I Round
J Shoulder
K Side (Belly)
L Spareribs
M Variety Meats
N Various Meats

Retail Cuts

Roasts/Pot Roasts

01 American Style
02 Arm Picnic
03 Arm Roast
04 Arm Roast (Bnls)
05 Back Ribs
06 Blade Roast
07 Blade Boston
08 Bottom Round Roast (Bnls)
09 Bottom Round Rump Roast (Bnls)
10 Brisket, Whole (Bnls)
11 Center Loin Roast
12 Center Rib Roast
13 Eye Roast (Bnls)
14 Eye Round Roast
15 Flat Half (Bnls)
16 Frenched Style
17 Fresh Side
18 Leg Roast (Bnls)
19 Loin Roast
20 Mock Tender Roast
21 Petite Tender
22 Rib Roast
23 Rib Roast (Frenched)
24 Ribs (Denver Style)
25 Rump Portion
26 Seven (7) Bone Roast
27 Shank Portion
28 Short Ribs
29 Shoulder Roast (Bnls)
30 Sirloin Roast
31 Sirloin Half
32 Spareribs
33 Square Cut (Whole)
34 Tenderloin (Whole)
35 Tip Roast (Bnls)
36 Tip, Cap Off Roast
37 Top Loin Roast (Bnls)
38 Top Roast (Bnls)
39 Top Round Roast
40 Tri-Tip Roast

Steaks

41 Arm Steak
42 Blade Steak
43 Bottom Round Steak
44 Center Slice
45 Eye Steak (Bnls)
46 Eye Round Steak
47 Flank Steak
48 Mock Tender Steak
49 Porterhouse Steak
50 Ribeye, Lip-On Steak
51 Round Steak
52 Round Steak (Bnls)
53 Sirloin Cutlets
54 Skirt Steak (Bnls)
55 T-Bone Steak
56 Tenderloin Steak
57 Tip, Cap Off Steak
58 Top Blade (Bnls) Flat Iron Steak
59 Top Loin Steak
60 Top Loin (Bnls) Steak
61 Top Round Steak
62 Top Sirloin Steak (Bnls)
63 Top Sirloin Cap Off Steak (Bnls)
64 Top Sirloin Cap Steak (Bnls)

Chops

65 Arm Chop
66 Blade Chop
67 Blade Chop (Bnls)
68 Butterflied Chop (Bnls)
69 Country Style Ribs
70 Loin Chop
71 Rib Chop
72 Rib Chop (Frenched)
73 Sirloin Chop
74 Top Loin Chop
75 Top Loin Chop (Bnls)

Variety Meats

76 Heart
77 Kidney
78 Liver
79 Oxtail
80 Tongue
81 Tripe

Various Meats

82 Beef for Stew
83 Cubed Steak
84 Ground Beef
85 Ground Pork
86 Hocks
87 Sausage Link/Pattie
88 Shank

Smoked/Cured

89 Brisket,Corned
90 Center Slice
91 Ham (Bnls)
92 Hocks
93 Loin Chop
94 Picnic (Whole)
95 Rib Chop
96 Rump Portion
97 Shank Portion
98 Slab Bacon
99 Sliced Bacon

Cookery Methods

D Dry Heat
M Moist Heat
D/M Dry or Moist Heat

Livestock

Form #: 476-3

Team Name

Team #			
0	0	0	0
1	1	1	1
2	2	2	2
3	3	3	3
4	4	4	4
5	5	5	5
6	6	6	6
7	7	7	7
8	8	8	8
9	9	9	9

Code	
0	0
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9

State		Last Name												First Name							
		A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
		B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B
		C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
		D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
		E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E
		F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
		G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
		H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H
		I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I
		J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J
		K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K
		L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L
		M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M
		N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
		O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
		Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
		R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
		S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
		T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
		U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
		V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V
		W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W
		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
		Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z

Placing Classes

	Place	Class Number 1	2	3	4	5	6	7	8	Place
1	1234									1234
2	1243									1243
3	1324									1324
4	1342									1342
5	1423									1423
6	1432									1432
7	2134									2134
8	2143									2143
9	2314									2314
10	2341									2341
11	2413									2413
12	2431									2431
13	3124									3124
14	3142									3142
15	3214									3214
16	3241									3241
17	3412									3412
18	3421									3421
19	4123									4123
20	4132									4132
21	4213									4213
22	4231									4231
23	4312									4312
24	4321									4321

Class 13 Written Examination

1	A	B	C	D	E	26	A	B	C	D	E
2	A	B	C	D	E	27	A	B	C	D	E
3	A	B	C	D	E	28	A	B	C	D	E
4	A	B	C	D	E	29	A	B	C	D	E
5	A	B	C	D	E	30	A	B	C	D	E
6	A	B	C	D	E	31	A	B	C	D	E
7	A	B	C	D	E	32	A	B	C	D	E
8	A	B	C	D	E	33	A	B	C	D	E
9	A	B	C	D	E	34	A	B	C	D	E
10	A	B	C	D	E	35	A	B	C	D	E
11	A	B	C	D	E	36	A	B	C	D	E
12	A	B	C	D	E	37	A	B	C	D	E
13	A	B	C	D	E	38	A	B	C	D	E
14	A	B	C	D	E	39	A	B	C	D	E
15	A	B	C	D	E	40	A	B	C	D	E
16	A	B	C	D	E	41	A	B	C	D	E
17	A	B	C	D	E	42	A	B	C	D	E
18	A	B	C	D	E	43	A	B	C	D	E
19	A	B	C	D	E	44	A	B	C	D	E
20	A	B	C	D	E	45	A	B	C	D	E
21	A	B	C	D	E	46	A	B	C	D	E
22	A	B	C	D	E	47	A	B	C	D	E
23	A	B	C	D	E	48	A	B	C	D	E
24	A	B	C	D	E	49	A	B	C	D	E
25	A	B	C	D	E	50	A	B	C	D	E

Reasons

16		17	
0	0	0	0
1	1	1	1
2	2	2	2
3	3	3	3
4	4	4	4
5	5	5	5
	6		6
	7		7
	8		8
	9		9

18		19	
0	0	0	0
1	1	1	1
2	2	2	2
3	3	3	3
4	4	4	4
5	5	5	5
	6		6
	7		7
	8		8
	9		9

Female Selections

Animal No.	Class Number 9 Keep	9 Cull	10 Keep	10 Cull	11 Keep	11 Cull
1						
2						
3						
4						
5						
6						
7						
8						

Class 14 Slaughter Cattle Grading

Animal No.	Quality Grade: Prime High	Prime Low	Choice High	Choice Low	Select High	Select Low	Standard High	Standard Low	Yield Grade (Cutability): 1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
1																	
2																	
3																	
4																	
5																	

Class 12 Feeder Cattle Grading

Animal No.	Frame Size: Large	Medium	Small	Inferior	Muscle Thickness: 1	2	3	4
1								
2								
3								
4								
5								

Class 15 - Question

Beef					Sheep					Swine				
1	1	2	3	4	1	1	2	3	4	1	1	2	3	4
2	1	2	3	4	2	1	2	3	4	2	1	2	3	4
3	1	2	3	4	3	1	2	3	4	3	1	2	3	4
4	1	2	3	4	4	1	2	3	4	4	1	2	3	4
5	1	2	3	4	5	1	2	3	4	5	1	2	3	4
6	1	2	3	4	6	1	2	3	4	6	1	2	3	4
7	1	2	3	4	7	1	2	3	4	7	1	2	3	4
8	1	2	3	4	8	1	2	3	4	8	1	2	3	4
9	1	2	3	4	9	1	2	3	4	9	1	2	3	4
10	1	2	3	4	10	1	2	3	4	10	1	2	3	4

HORTICULTURE

CDE# 105482

Incorrect Marks ✓ ✗ ▬ • Correct Mark ⬬

Team Name

This sheet is for demonstration and practice only. You must use a real scan sheet for actual competition.

Team Number

0	0	0	0
1	1	1	1
2	2	2	2
3	3	3	3
4	4	4	4
5	5	5	5
6	6	6	6
7	7	7	7
8	8	8	8
9	9	9	9

Code

0	0
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9

State | **Last Name** | **First Name**

A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B
C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E
F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H
I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I
J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J
K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K
L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L
M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M
N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V
W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W
X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z

Placing Classes

	Place	Class 1	2	3	4	5	6	7	8	9	Place	
1	1234										1234	1
2	1243										1243	2
3	1324										1324	3
4	1342										1342	4
5	1423										1423	5
6	1432										1432	6
7	2134										2134	7
8	2143										2143	8
9	2314										2314	9
10	2341										2341	10
11	2413										2413	11
12	2431										2431	12
13	3124										3124	13
14	3142										3142	14
15	3214										3214	15
16	3241										3241	16
17	3412										3412	17
18	3421										3421	18
19	4123										4123	19
20	4132										4132	20
21	4213										4213	21
22	4231										4231	22
23	4312										4312	23
24	4321										4321	24

Team Activity

Team			Ind.		
0	0	0	0	0	0
1	1	1	1	1	1
2	2	2	2	2	2
3	3	3	3	3	3
4	4	4	4	4	4
5	5	5	5	5	5
6	6	6	6	6	6
7	7	7	7	7	7
8	8	8	8	8	8
9	9	9	9	9	9

Practicums (Judges)

1			2			3			4			5			6		
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9

Assessment and Solution

1	A	B	C	D	6	A	B	C	D	11	A	B	C	D	16	A	B	C	D	21	A	B	C	D
2	A	B	C	D	7	A	B	C	D	12	A	B	C	D	17	A	B	C	D	22	A	B	C	D
3	A	B	C	D	8	A	B	C	D	13	A	B	C	D	18	A	B	C	D	23	A	B	C	D
4	A	B	C	D	9	A	B	C	D	14	A	B	C	D	19	A	B	C	D	24	A	B	C	D
5	A	B	C	D	10	A	B	C	D	15	A	B	C	D	20	A	B	C	D	25	A	B	C	D

Exam

1	A	B	C	D	26	A	B	C	D
2	A	B	C	D	27	A	B	C	D
3	A	B	C	D	28	A	B	C	D
4	A	B	C	D	29	A	B	C	D
5	A	B	C	D	30	A	B	C	D
6	A	B	C	D	31	A	B	C	D
7	A	B	C	D	32	A	B	C	D
8	A	B	C	D	33	A	B	C	D
9	A	B	C	D	34	A	B	C	D
10	A	B	C	D	35	A	B	C	D
11	A	B	C	D	36	A	B	C	D
12	A	B	C	D	37	A	B	C	D
13	A	B	C	D	38	A	B	C	D
14	A	B	C	D	39	A	B	C	D
15	A	B	C	D	40	A	B	C	D
16	A	B	C	D	41	A	B	C	D
17	A	B	C	D	42	A	B	C	D
18	A	B	C	D	43	A	B	C	D
19	A	B	C	D	44	A	B	C	D
20	A	B	C	D	45	A	B	C	D
21	A	B	C	D	46	A	B	C	D
22	A	B	C	D	47	A	B	C	D
23	A	B	C	D	48	A	B	C	D
24	A	B	C	D	49	A	B	C	D
25	A	B	C	D	50	A	B	C	D

Exam 2/Team

1	A	B	C	D
2	A	B	C	D
3	A	B	C	D
4	A	B	C	D
5	A	B	C	D
6	A	B	C	D
7	A	B	C	D
8	A	B	C	D
9	A	B	C	D
10	A	B	C	D
11	A	B	C	D
12	A	B	C	D
13	A	B	C	D
14	A	B	C	D
15	A	B	C	D
16	A	B	C	D
17	A	B	C	D
18	A	B	C	D
19	A	B	C	D
20	A	B	C	D
21	A	B	C	D
22	A	B	C	D
23	A	B	C	D
24	A	B	C	D
25	A	B	C	D

Identification A

Number of Specimen	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0
	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1
	2 2 2	2 2 2	2 2 2	2 2 2	2 2 2	2 2 2	2 2 2	2 2 2	2 2 2	2 2 2	2 2 2	2 2 2	2 2 2	2 2 2	2 2 2	2 2 2	2 2 2	2 2 2	2 2 2	2 2 2	2 2 2	2 2 2	2 2 2	2 2 2	2 2 2
	3 3 3	3 3 3	3 3 3	3 3 3	3 3 3	3 3 3	3 3 3	3 3 3	3 3 3	3 3 3	3 3 3	3 3 3	3 3 3	3 3 3	3 3 3	3 3 3	3 3 3	3 3 3	3 3 3	3 3 3	3 3 3	3 3 3	3 3 3	3 3 3	3 3 3
	4 4 4	4 4 4	4 4 4	4 4 4	4 4 4	4 4 4	4 4 4	4 4 4	4 4 4	4 4 4	4 4 4	4 4 4	4 4 4	4 4 4	4 4 4	4 4 4	4 4 4	4 4 4	4 4 4	4 4 4	4 4 4	4 4 4	4 4 4	4 4 4	4 4 4
	5 5 5	5 5 5	5 5 5	5 5 5	5 5 5	5 5 5	5 5 5	5 5 5	5 5 5	5 5 5	5 5 5	5 5 5	5 5 5	5 5 5	5 5 5	5 5 5	5 5 5	5 5 5	5 5 5	5 5 5	5 5 5	5 5 5	5 5 5	5 5 5	5 5 5
	6 6 6	6 6 6	6 6 6	6 6 6	6 6 6	6 6 6	6 6 6	6 6 6	6 6 6	6 6 6	6 6 6	6 6 6	6 6 6	6 6 6	6 6 6	6 6 6	6 6 6	6 6 6	6 6 6	6 6 6	6 6 6	6 6 6	6 6 6	6 6 6	6 6 6
	7 7 7	7 7 7	7 7 7	7 7 7	7 7 7	7 7 7	7 7 7	7 7 7	7 7 7	7 7 7	7 7 7	7 7 7	7 7 7	7 7 7	7 7 7	7 7 7	7 7 7	7 7 7	7 7 7	7 7 7	7 7 7	7 7 7	7 7 7	7 7 7	7 7 7
	8 8 8	8 8 8	8 8 8	8 8 8	8 8 8	8 8 8	8 8 8	8 8 8	8 8 8	8 8 8	8 8 8	8 8 8	8 8 8	8 8 8	8 8 8	8 8 8	8 8 8	8 8 8	8 8 8	8 8 8	8 8 8	8 8 8	8 8 8	8 8 8	8 8 8
	9 9 9	9 9 9	9 9 9	9 9 9	9 9 9	9 9 9	9 9 9	9 9 9	9 9 9	9 9 9	9 9 9	9 9 9	9 9 9	9 9 9	9 9 9	9 9 9	9 9 9	9 9 9	9 9 9	9 9 9	9 9 9	9 9 9	9 9 9	9 9 9	9 9 9

Number of Specimen	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0
	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1
	2 2 2	2 2 2	2 2 2	2 2 2	2 2 2	2 2 2	2 2 2	2 2 2	2 2 2	2 2 2	2 2 2	2 2 2	2 2 2	2 2 2	2 2 2	2 2 2	2 2 2	2 2 2	2 2 2	2 2 2	2 2 2	2 2 2	2 2 2	2 2 2	2 2 2
	3 3 3	3 3 3	3 3 3	3 3 3	3 3 3	3 3 3	3 3 3	3 3 3	3 3 3	3 3 3	3 3 3	3 3 3	3 3 3	3 3 3	3 3 3	3 3 3	3 3 3	3 3 3	3 3 3	3 3 3	3 3 3	3 3 3	3 3 3	3 3 3	3 3 3
	4 4 4	4 4 4	4 4 4	4 4 4	4 4 4	4 4 4	4 4 4	4 4 4	4 4 4	4 4 4	4 4 4	4 4 4	4 4 4	4 4 4	4 4 4	4 4 4	4 4 4	4 4 4	4 4 4	4 4 4	4 4 4	4 4 4	4 4 4	4 4 4	4 4 4
	5 5 5	5 5 5	5 5 5	5 5 5	5 5 5	5 5 5	5 5 5	5 5 5	5 5 5	5 5 5	5 5 5	5 5 5	5 5 5	5 5 5	5 5 5	5 5 5	5 5 5	5 5 5	5 5 5	5 5 5	5 5 5	5 5 5	5 5 5	5 5 5	5 5 5
	6 6 6	6 6 6	6 6 6	6 6 6	6 6 6	6 6 6	6 6 6	6 6 6	6 6 6	6 6 6	6 6 6	6 6 6	6 6 6	6 6 6	6 6 6	6 6 6	6 6 6	6 6 6	6 6 6	6 6 6	6 6 6	6 6 6	6 6 6	6 6 6	6 6 6
	7 7 7	7 7 7	7 7 7	7 7 7	7 7 7	7 7 7	7 7 7	7 7 7	7 7 7	7 7 7	7 7 7	7 7 7	7 7 7	7 7 7	7 7 7	7 7 7	7 7 7	7 7 7	7 7 7	7 7 7	7 7 7	7 7 7	7 7 7	7 7 7	7 7 7
	8 8 8	8 8 8	8 8 8	8 8 8	8 8 8	8 8 8	8 8 8	8 8 8	8 8 8	8 8 8	8 8 8	8 8 8	8 8 8	8 8 8	8 8 8	8 8 8	8 8 8	8 8 8	8 8 8	8 8 8	8 8 8	8 8 8	8 8 8	8 8 8	8 8 8
	9 9 9	9 9 9	9 9 9	9 9 9	9 9 9	9 9 9	9 9 9	9 9 9	9 9 9	9 9 9	9 9 9	9 9 9	9 9 9	9 9 9	9 9 9	9 9 9	9 9 9	9 9 9	9 9 9	9 9 9	9 9 9	9 9 9	9 9 9	9 9 9	9 9 9

Identification B

Number of Specimen	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0
	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1
	2 2 2	2 2 2	2 2 2	2 2 2	2 2 2	2 2 2	2 2 2	2 2 2	2 2 2	2 2 2	2 2 2	2 2 2	2 2 2	2 2 2	2 2 2	2 2 2	2 2 2	2 2 2	2 2 2	2 2 2	2 2 2	2 2 2	2 2 2	2 2 2	2 2 2
	3 3 3	3 3 3	3 3 3	3 3 3	3 3 3	3 3 3	3 3 3	3 3 3	3 3 3	3 3 3	3 3 3	3 3 3	3 3 3	3 3 3	3 3 3	3 3 3	3 3 3	3 3 3	3 3 3	3 3 3	3 3 3	3 3 3	3 3 3	3 3 3	3 3 3
	4 4 4	4 4 4	4 4 4	4 4 4	4 4 4	4 4 4	4 4 4	4 4 4	4 4 4	4 4 4	4 4 4	4 4 4	4 4 4	4 4 4	4 4 4	4 4 4	4 4 4	4 4 4	4 4 4	4 4 4	4 4 4	4 4 4	4 4 4	4 4 4	4 4 4
	5 5 5	5 5 5	5 5 5	5 5 5	5 5 5	5 5 5	5 5 5	5 5 5	5 5 5	5 5 5	5 5 5	5 5 5	5 5 5	5 5 5	5 5 5	5 5 5	5 5 5	5 5 5	5 5 5	5 5 5	5 5 5	5 5 5	5 5 5	5 5 5	5 5 5
	6 6 6	6 6 6	6 6 6	6 6 6	6 6 6	6 6 6	6 6 6	6 6 6	6 6 6	6 6 6	6 6 6	6 6 6	6 6 6	6 6 6	6 6 6	6 6 6	6 6 6	6 6 6	6 6 6	6 6 6	6 6 6	6 6 6	6 6 6	6 6 6	6 6 6
	7 7 7	7 7 7	7 7 7	7 7 7	7 7 7	7 7 7	7 7 7	7 7 7	7 7 7	7 7 7	7 7 7	7 7 7	7 7 7	7 7 7	7 7 7	7 7 7	7 7 7	7 7 7	7 7 7	7 7 7	7 7 7	7 7 7	7 7 7	7 7 7	7 7 7
	8 8 8	8 8 8	8 8 8	8 8 8	8 8 8	8 8 8	8 8 8	8 8 8	8 8 8	8 8 8	8 8 8	8 8 8	8 8 8	8 8 8	8 8 8	8 8 8	8 8 8	8 8 8	8 8 8	8 8 8	8 8 8	8 8 8	8 8 8	8 8 8	8 8 8
	9 9 9	9 9 9	9 9 9	9 9 9	9 9 9	9 9 9	9 9 9	9 9 9	9 9 9	9 9 9	9 9 9	9 9 9	9 9 9	9 9 9	9 9 9	9 9 9	9 9 9	9 9 9	9 9 9	9 9 9	9 9 9	9 9 9	9 9 9	9 9 9	9 9 9

Number of Specimen	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0
	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1
	2 2 2	2 2 2	2 2 2	2 2 2	2 2 2	2 2 2	2 2 2	2 2 2	2 2 2	2 2 2	2 2 2	2 2 2	2 2 2	2 2 2	2 2 2	2 2 2	2 2 2	2 2 2	2 2 2	2 2 2	2 2 2	2 2 2	2 2 2	2 2 2	2 2 2
	3 3 3	3 3 3	3 3 3	3 3 3	3 3 3	3 3 3	3 3 3	3 3 3	3 3 3	3 3 3	3 3 3	3 3 3	3 3 3	3 3 3	3 3 3	3 3 3	3 3 3	3 3 3	3 3 3	3 3 3	3 3 3	3 3 3	3 3 3	3 3 3	3 3 3
	4 4 4	4 4 4	4 4 4	4 4 4	4 4 4	4 4 4	4 4 4	4 4 4	4 4 4	4 4 4	4 4 4	4 4 4	4 4 4	4 4 4	4 4 4	4 4 4	4 4 4	4 4 4	4 4 4	4 4 4	4 4 4	4 4 4	4 4 4	4 4 4	4 4 4
	5 5 5	5 5 5	5 5 5	5 5 5	5 5 5	5 5 5	5 5 5	5 5 5	5 5 5	5 5 5	5 5 5	5 5 5	5 5 5	5 5 5	5 5 5	5 5 5	5 5 5	5 5 5	5 5 5	5 5 5	5 5 5	5 5 5	5 5 5	5 5 5	5 5 5
	6 6 6	6 6 6	6 6 6	6 6 6	6 6 6	6 6 6	6 6 6	6 6 6	6 6 6	6 6 6	6 6 6	6 6 6	6 6 6	6 6 6	6 6 6	6 6 6	6 6 6	6 6 6	6 6 6	6 6 6	6 6 6	6 6 6	6 6 6	6 6 6	6 6 6
	7 7 7	7 7 7	7 7 7	7 7 7	7 7 7	7 7 7	7 7 7	7 7 7	7 7 7	7 7 7	7 7 7	7 7 7	7 7 7	7 7 7	7 7 7	7 7 7	7 7 7	7 7 7	7 7 7	7 7 7	7 7 7	7 7 7	7 7 7	7 7 7	7 7 7
	8 8 8	8 8 8	8 8 8	8 8 8	8 8 8	8 8 8	8 8 8	8 8 8	8 8 8	8 8 8	8 8 8	8 8 8	8 8 8	8 8 8	8 8 8	8 8 8	8 8 8	8 8 8	8 8 8	8 8 8	8 8 8	8 8 8	8 8 8	8 8 8	8 8 8
	9 9 9	9 9 9	9 9 9	9 9 9	9 9 9	9 9 9	9 9 9	9 9 9	9 9 9	9 9 9	9 9 9	9 9 9	9 9 9	9 9 9	9 9 9	9 9 9	9 9 9	9 9 9	9 9 9	9 9 9	9 9 9	9 9 9	9 9 9	9 9 9	9 9 9

Milk Quality and Products
Form #479-6

Incorrect Marks Correct Mark

Team Name

This sheet is for demonstration and practice only. You must use a real scan sheet for actual competition.

Team #

0	0	0	0
1	1	1	1
2	2	2	2
3	3	3	3
4	4	4	4
5	5	5	5
6	6	6	6
7	7	7	7
8	8	8	8
9	9	9	9

Code

0	0
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9

Last Name

A	A	A	A	A	A	A	A	A	A	A	A
B	B	B	B	B	B	B	B	B	B	B	B
C	C	C	C	C	C	C	C	C	C	C	C
D	D	D	D	D	D	D	D	D	D	D	D
E	E	E	E	E	E	E	E	E	E	E	E
F	F	F	F	F	F	F	F	F	F	F	F
G	G	G	G	G	G	G	G	G	G	G	G
H	H	H	H	H	H	H	H	H	H	H	H
I	I	I	I	I	I	I	I	I	I	I	I
J	J	J	J	J	J	J	J	J	J	J	J
K	K	K	K	K	K	K	K	K	K	K	K
L	L	L	L	L	L	L	L	L	L	L	L
M	M	M	M	M	M	M	M	M	M	M	M
N	N	N	N	N	N	N	N	N	N	N	N
O	O	O	O	O	O	O	O	O	O	O	O
P	P	P	P	P	P	P	P	P	P	P	P
Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
R	R	R	R	R	R	R	R	R	R	R	R
S	S	S	S	S	S	S	S	S	S	S	S
T	T	T	T	T	T	T	T	T	T	T	T
U	U	U	U	U	U	U	U	U	U	U	U
V	V	V	V	V	V	V	V	V	V	V	V
W	W	W	W	W	W	W	W	W	W	W	W
X	X	X	X	X	X	X	X	X	X	X	X
Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z

First Name

A	A	A	A	A	A	A	A
B	B	B	B	B	B	B	B
C	C	C	C	C	C	C	C
D	D	D	D	D	D	D	D
E	E	E	E	E	E	E	E
F	F	F	F	F	F	F	F
G	G	G	G	G	G	G	G
H	H	H	H	H	H	H	H
I	I	I	I	I	I	I	I
J	J	J	J	J	J	J	J
K	K	K	K	K	K	K	K
L	L	L	L	L	L	L	L
M	M	M	M	M	M	M	M
N	N	N	N	N	N	N	N
O	O	O	O	O	O	O	O
P	P	P	P	P	P	P	P
Q	Q	Q	Q	Q	Q	Q	Q
R	R	R	R	R	R	R	R
S	S	S	S	S	S	S	S
T	T	T	T	T	T	T	T
U	U	U	U	U	U	U	U
V	V	V	V	V	V	V	V
W	W	W	W	W	W	W	W
X	X	X	X	X	X	X	X
Y	Y	Y	Y	Y	Y	Y	Y
Z	Z	Z	Z	Z	Z	Z	Z

Written Exam A / Milk Production

1	A	B	C	D	E
2	A	B	C	D	E
3	A	B	C	D	E
4	A	B	C	D	E
5	A	B	C	D	E
6	A	B	C	D	E
7	A	B	C	D	E
8	A	B	C	D	E
9	A	B	C	D	E
10	A	B	C	D	E
11	A	B	C	D	E
12	A	B	C	D	E
13	A	B	C	D	E
14	A	B	C	D	E
15	A	B	C	D	E
16	A	B	C	D	E
17	A	B	C	D	E
18	A	B	C	D	E
19	A	B	C	D	E
20	A	B	C	D	E
21	A	B	C	D	E
22	A	B	C	D	E
23	A	B	C	D	E
24	A	B	C	D	E
25	A	B	C	D	E
26	A	B	C	D	E
27	A	B	C	D	E
28	A	B	C	D	E
29	A	B	C	D	E
30	A	B	C	D	E

Written Exam B / Milk Marketing

31	A	B	C	D	E
32	A	B	C	D	E
33	A	B	C	D	E
34	A	B	C	D	E
35	A	B	C	D	E
36	A	B	C	D	E
37	A	B	C	D	E
38	A	B	C	D	E
39	A	B	C	D	E
40	A	B	C	D	E
41	A	B	C	D	E
42	A	B	C	D	E
43	A	B	C	D	E
44	A	B	C	D	E
45	A	B	C	D	E
46	A	B	C	D	E
47	A	B	C	D	E
48	A	B	C	D	E
49	A	B	C	D	E
50	A	B	C	D	E
51	A	B	C	D	E
52	A	B	C	D	E
53	A	B	C	D	E
54	A	B	C	D	E
55	A	B	C	D	E
56	A	B	C	D	E
57	A	B	C	D	E
58	A	B	C	D	E
59	A	B	C	D	E
60	A	B	C	D	E

Problem Solving

1	A	B	C	D	E
2	A	B	C	D	E
3	A	B	C	D	E
4	A	B	C	D	E
5	A	B	C	D	E
6	A	B	C	D	E
7	A	B	C	D	E
8	A	B	C	D	E
9	A	B	C	D	E
10	A	B	C	D	E
11	A	B	C	D	E
12	A	B	C	D	E
13	A	B	C	D	E
14	A	B	C	D	E
15	A	B	C	D	E
16	A	B	C	D	E
17	A	B	C	D	E
18	A	B	C	D	E
19	A	B	C	D	E
20	A	B	C	D	E

Dairy / Non-Dairy Identification and Fat Content

Sample Number

I. Identification	1	2	3	4	5	6	7	8	9	10
1 Butter										
2 Flavored Milk										
3 Half and Half										
4 Heavy Cream										
5 Light Whipped Cream										
6 Milk										
7 Sour Cream										
8 Margarine										
9 Non Dairy Creamer										
10 Non Dairy Flavored Beverage										
11 Non Dairy Milk										
12 Non Dairy Sour Cream										
13 Non Dairy Whipped Topping										

Mark one answer in each column!

II. Fat Content	1	2	3	4	5	6	7	8	9	10
1 0.05% - 0.5%										
2 1% - 2%										
3 3.25% - 3.5%										
4 10.5%										
5 18%										
6 30%										
7 36%										
8 80%										
9 Non Dairy Variable Fat										

Mark one answer in each column!

Identification and Characteristics of Cheeses

Sample Number

I. Identification	1	2	3	4	5	6	7	8	9	10
1 Blue/Bleu	○	○	○	○	○	○	○	○	○	○
2 Brie	○	○	○	○	○	○	○	○	○	○
3 Cheddar Mild	○	○	○	○	○	○	○	○	○	○
4 Cheddar Sharp	○	○	○	○	○	○	○	○	○	○
5 Cream/Neufchatel	○	○	○	○	○	○	○	○	○	○
6 Edam/Gouda	○	○	○	○	○	○	○	○	○	○
7 Monterey Jack	○	○	○	○	○	○	○	○	○	○
8 Mozzarella	○	○	○	○	○	○	○	○	○	○
9 Processed American	○	○	○	○	○	○	○	○	○	○
10 Provolone	○	○	○	○	○	○	○	○	○	○
11 Swiss	○	○	○	○	○	○	○	○	○	○
12 Colby	○	○	○	○	○	○	○	○	○	○
13 Feta	○	○	○	○	○	○	○	○	○	○
14 Havarti	○	○	○	○	○	○	○	○	○	○
15 Gruyere	○	○	○	○	○	○	○	○	○	○
16 Muenster	○	○	○	○	○	○	○	○	○	○
17 Parmesan	○	○	○	○	○	○	○	○	○	○
18 Queso Fresco	○	○	○	○	○	○	○	○	○	○
19 Ricotta	○	○	○	○	○	○	○	○	○	○
20 Romano	○	○	○	○	○	○	○	○	○	○

Mark one answer in each column!

II. Characteristics	1	2	3	4	5	6	7	8	9	10
A	○	○	○	○	○	○	○	○	○	○
B	○	○	○	○	○	○	○	○	○	○
C	○	○	○	○	○	○	○	○	○	○
D	○	○	○	○	○	○	○	○	○	○
E	○	○	○	○	○	○	○	○	○	○
F	○	○	○	○	○	○	○	○	○	○

Mark all that apply!

CMT

Sample Number

Score	1	2	3	4	5
0	○	○	○	○	○
2	○	○	○	○	○
4	○	○	○	○	○
6	○	○	○	○	○
8	○	○	○	○	○

Mark one answer in each column!

Natural / Imitation

Sample Number

Food Identification	1	2	3	4	5	6	7	8	9	10
1 Natural	○	○	○	○	○	○	○	○	○	○
2 Imitation	○	○	○	○	○	○	○	○	○	○

Mark one answer in each column!

Milk Flavor

Sample Number

I. Defect	1	2	3	4	5	6	7	8	9	10
1 Acid	○	○	○	○	○	○	○	○	○	○
2 Bitter	○	○	○	○	○	○	○	○	○	○
3 Feed	○	○	○	○	○	○	○	○	○	○
4 Flat-watery	○	○	○	○	○	○	○	○	○	○
5 Foreign	○	○	○	○	○	○	○	○	○	○
6 Garlic or onion	○	○	○	○	○	○	○	○	○	○
7 Malty	○	○	○	○	○	○	○	○	○	○
8 No defect	○	○	○	○	○	○	○	○	○	○
9 Oxidized	○	○	○	○	○	○	○	○	○	○
10 Rancid	○	○	○	○	○	○	○	○	○	○
11 Salty	○	○	○	○	○	○	○	○	○	○

Mark one answer in each column!

II. Score	1	2	3	4	5	6	7	8	9	10
1	○	○	○	○	○	○	○	○	○	○
2	○	○	○	○	○	○	○	○	○	○
3	○	○	○	○	○	○	○	○	○	○
4	○	○	○	○	○	○	○	○	○	○
5	○	○	○	○	○	○	○	○	○	○
6	○	○	○	○	○	○	○	○	○	○
7	○	○	○	○	○	○	○	○	○	○
8	○	○	○	○	○	○	○	○	○	○
9	○	○	○	○	○	○	○	○	○	○
10	○	○	○	○	○	○	○	○	○	○

Mark one answer in each column!