

101	A B C D E ① ② ③ ④ ⑤	121	A B C D E ① ② ③ ④ ⑤	141	A B C D E ① ② ③ ④ ⑤	161	A B C D E ① ② ③ ④ ⑤	181	A B C D E ① ② ③ ④ ⑤
102	A B C D E ① ② ③ ④ ⑤	122	A B C D E ① ② ③ ④ ⑤	142	A B C D E ① ② ③ ④ ⑤	162	A B C D E ① ② ③ ④ ⑤	182	A B C D E ① ② ③ ④ ⑤
103	A B C D E ① ② ③ ④ ⑤	123	A B C D E ① ② ③ ④ ⑤	143	A B C D E ① ② ③ ④ ⑤	163	A B C D E ① ② ③ ④ ⑤	183	A B C D E ① ② ③ ④ ⑤
104	A B C D E ① ② ③ ④ ⑤	124	A B C D E ① ② ③ ④ ⑤	144	A B C D E ① ② ③ ④ ⑤	164	A B C D E ① ② ③ ④ ⑤	184	A B C D E ① ② ③ ④ ⑤
105	A B C D E ① ② ③ ④ ⑤	125	A B C D E ① ② ③ ④ ⑤	145	A B C D E ① ② ③ ④ ⑤	165	A B C D E ① ② ③ ④ ⑤	185	A B C D E ① ② ③ ④ ⑤
106	A B C D E ① ② ③ ④ ⑤	126	A B C D E ① ② ③ ④ ⑤	146	A B C D E ① ② ③ ④ ⑤	166	A B C D E ① ② ③ ④ ⑤	186	A B C D E ① ② ③ ④ ⑤
107	A B C D E ① ② ③ ④ ⑤	127	A B C D E ① ② ③ ④ ⑤	147	A B C D E ① ② ③ ④ ⑤	167	A B C D E ① ② ③ ④ ⑤	187	A B C D E ① ② ③ ④ ⑤
108	A B C D E ① ② ③ ④ ⑤	128	A B C D E ① ② ③ ④ ⑤	148	A B C D E ① ② ③ ④ ⑤	168	A B C D E ① ② ③ ④ ⑤	188	A B C D E ① ② ③ ④ ⑤
109	A B C D E ① ② ③ ④ ⑤	129	A B C D E ① ② ③ ④ ⑤	149	A B C D E ① ② ③ ④ ⑤	169	A B C D E ① ② ③ ④ ⑤	189	A B C D E ① ② ③ ④ ⑤
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111	A B C D E ① ② ③ ④ ⑤	131	A B C D E ① ② ③ ④ ⑤	151	A B C D E ① ② ③ ④ ⑤	171	A B C D E ① ② ③ ④ ⑤	191	A B C D E ① ② ③ ④ ⑤
112	A B C D E ① ② ③ ④ ⑤	132	A B C D E ① ② ③ ④ ⑤	152	A B C D E ① ② ③ ④ ⑤	172	A B C D E ① ② ③ ④ ⑤	192	A B C D E ① ② ③ ④ ⑤
113	A B C D E ① ② ③ ④ ⑤	133	A B C D E ① ② ③ ④ ⑤	153	A B C D E ① ② ③ ④ ⑤	173	A B C D E ① ② ③ ④ ⑤	193	A B C D E ① ② ③ ④ ⑤
114	A B C D E ① ② ③ ④ ⑤	134	A B C D E ① ② ③ ④ ⑤	154	A B C D E ① ② ③ ④ ⑤	174	A B C D E ① ② ③ ④ ⑤	194	A B C D E ① ② ③ ④ ⑤
115	A B C D E ① ② ③ ④ ⑤	135	A B C D E ① ② ③ ④ ⑤	155	A B C D E ① ② ③ ④ ⑤	175	A B C D E ① ② ③ ④ ⑤	195	A B C D E ① ② ③ ④ ⑤
116	A B C D E ① ② ③ ④ ⑤	136	A B C D E ① ② ③ ④ ⑤	156	A B C D E ① ② ③ ④ ⑤	176	A B C D E ① ② ③ ④ ⑤	196	A B C D E ① ② ③ ④ ⑤
117	A B C D E ① ② ③ ④ ⑤	137	A B C D E ① ② ③ ④ ⑤	157	A B C D E ① ② ③ ④ ⑤	177	A B C D E ① ② ③ ④ ⑤	197	A B C D E ① ② ③ ④ ⑤
118	A B C D E ① ② ③ ④ ⑤	138	A B C D E ① ② ③ ④ ⑤	158	A B C D E ① ② ③ ④ ⑤	178	A B C D E ① ② ③ ④ ⑤	198	A B C D E ① ② ③ ④ ⑤
119	A B C D E ① ② ③ ④ ⑤	139	A B C D E ① ② ③ ④ ⑤	159	A B C D E ① ② ③ ④ ⑤	179	A B C D E ① ② ③ ④ ⑤	199	A B C D E ① ② ③ ④ ⑤
120	A B C D E ① ② ③ ④ ⑤	140	A B C D E ① ② ③ ④ ⑤	160	A B C D E ① ② ③ ④ ⑤	180	A B C D E ① ② ③ ④ ⑤	200	A B C D E ① ② ③ ④ ⑤



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COMMENTS:

Thank you for such
 a wonderful semester,
 Deb! You are a fantastic
 TF and I really
 appreciate all that you
 did to help me
 succeed!

MARKING INSTRUCTIONS:

1. Use No. 2 pencil or blue or black pen only.
2. Make dark marks that fill the circle completely.
3. Do not fold, tear or make stray marks on this answer sheet.

CORRECT MARK INCORRECT MARKS
 ○ ● ○ ○ ⊙ ⊗ ⊙ ⊙

COURSE NO. CS 330

A21A3

DATE: / /

DEBJYOTI

BEKA



Office of Information Technology
Answer Sheet Form No. 2780
See Important Marking Instructions on Side 2

IDENTIFICATION NUMBER, SECTION, SPECIAL CODES, BIRTHDATE, and a grid for marking answers (0-9).

GRADE OR EDUC. (1-12, Fr, So, Jr, Sr)

NAME (Last, First) grid and M.I. (Middle Initial) column.

VERSION grid (0-9) and SEX (M/F) options.

SEX (M/F) options.

CORRECT MARK (filled circle) and INCORRECT MARKS (open circle, X, dot) indicators.

Main answer grid with 100 rows and 5 columns of options (A-E) for marking answers.

101	A B C D E ① ② ③ ④ ⑤	121	A B C D E ① ② ③ ④ ⑤	141	A B C D E ① ② ③ ④ ⑤	161	A B C D E ① ② ③ ④ ⑤	181	A B C D E ① ② ③ ④ ⑤
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119	A B C D E ① ② ③ ④ ⑤	139	A B C D E ① ② ③ ④ ⑤	159	A B C D E ① ② ③ ④ ⑤	179	A B C D E ① ② ③ ④ ⑤	199	A B C D E ① ② ③ ④ ⑤
120	A B C D E ① ② ③ ④ ⑤	140	A B C D E ① ② ③ ④ ⑤	160	A B C D E ① ② ③ ④ ⑤	180	A B C D E ① ② ③ ④ ⑤	200	A B C D E ① ② ③ ④ ⑤



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 111 Cummington Street
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COMMENTS:

This is the third class I've had Deb as a TF for, and he remains as helpful and enthusiastic as ever. Makes a tough class interesting and entertaining.

But why is Prof. Itkis out so much?

MARKING INSTRUCTIONS:

1. Use No. 2 pencil or blue or black pen only.
2. Make dark marks that fill the circle completely.
3. Do not fold, tear or make stray marks on this answer sheet.

CORRECT MARK INCORRECT MARKS



IDENTIFICATION NUMBER								SECTION		SPECIAL CODES						BIRTHDATE			
0	1	2	3	4	5	6	7			0	1	2	3	4	5	MO.	DAY	YR.	
U																			
0	0	0	0	0	0	0	0	A	0	0	0	0	0	0	0	0	0	0	0
1	1	1	1	1	1	1	1	B	1	1	1	1	1	1	1	1	1	1	1
2	2	2	2	2	2	2	2	C	2	2	2	2	2	2	2	2	2	2	2
3	3	3	3	3	3	3	3	D	3	3	3	3	3	3	3	3	3	3	3
4	4	4	4	4	4	4	4	E	4	4	4	4	4	4	4	4	4	4	4
5	5	5	5	5	5	5	5	F	5	5	5	5	5	5	5	5	5	5	5
6	6	6	6	6	6	6	6	G	6	6	6	6	6	6	6	6	6	6	6
7	7	7	7	7	7	7	7	H	7	7	7	7	7	7	7	7	7	7	7
8	8	8	8	8	8	8	8	I	8	8	8	8	8	8	8	8	8	8	8
9	9	9	9	9	9	9	9	J	9	9	9	9	9	9	9	9	9	9	9

GRADE OR EDUC. ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩ ⑪ ⑫ Fr So Jr Sr

NAME (Last, First)																									M.I.	VERSION		
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	0	0
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	1	1
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	2	2	
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	3	3	
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	4	4	
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	5	5	
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	6	6	
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	7	7	
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	8	8	
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	9	9	
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			
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			
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			
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			
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			
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			
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			
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			

SEX
 M
 F

CORRECT MARK

INCORRECT MARKS



Office of Information Technology
 Answer Sheet Form No. 2780

See Important Marking Instructions on Side 2

1	A	B	C	D	E	21	1	2	3	4	5	41	1	2	3	4	5	61	1	2	3	4	5	81	1	2	3	4	5
2	A	B	C	D	E	22	1	2	3	4	5	42	1	2	3	4	5	62	1	2	3	4	5	82	1	2	3	4	5
3	A	B	C	D	E	23	1	2	3	4	5	43	1	2	3	4	5	63	1	2	3	4	5	83	1	2	3	4	5
4	A	B	C	D	E	24	1	2	3	4	5	44	1	2	3	4	5	64	1	2	3	4	5	84	1	2	3	4	5
5	A	B	C	D	E	25	1	2	3	4	5	45	1	2	3	4	5	65	1	2	3	4	5	85	1	2	3	4	5
6	A	B	C	D	E	26	1	2	3	4	5	46	1	2	3	4	5	66	1	2	3	4	5	86	1	2	3	4	5
7	A	B	C	D	E	27	1	2	3	4	5	47	1	2	3	4	5	67	1	2	3	4	5	87	1	2	3	4	5
8	A	B	C	D	E	28	1	2	3	4	5	48	1	2	3	4	5	68	1	2	3	4	5	88	1	2	3	4	5
9	A	B	C	D	E	29	1	2	3	4	5	49	1	2	3	4	5	69	1	2	3	4	5	89	1	2	3	4	5
10	A	B	C	D	E	30	1	2	3	4	5	50	1	2	3	4	5	70	1	2	3	4	5	90	1	2	3	4	5
11	A	B	C	D	E	31	1	2	3	4	5	51	1	2	3	4	5	71	1	2	3	4	5	91	1	2	3	4	5
12	A	B	C	D	E	32	1	2	3	4	5	52	1	2	3	4	5	72	1	2	3	4	5	92	1	2	3	4	5
13	A	B	C	D	E	33	1	2	3	4	5	53	1	2	3	4	5	73	1	2	3	4	5	93	1	2	3	4	5
14	A	B	C	D	E	34	1	2	3	4	5	54	1	2	3	4	5	74	1	2	3	4	5	94	1	2	3	4	5
15	A	B	C	D	E	35	1	2	3	4	5	55	1	2	3	4	5	75	1	2	3	4	5	95	1	2	3	4	5
16	A	B	C	D	E	36	1	2	3	4	5	56	1	2	3	4	5	76	1	2	3	4	5	96	1	2	3	4	5
17	A	B	C	D	E	37	1	2	3	4	5	57	1	2	3	4	5	77	1	2	3	4	5	97	1	2	3	4	5
18	A	B	C	D	E	38	1	2	3	4	5	58	1	2	3	4	5	78	1	2	3	4	5	98	1	2	3	4	5
19	A	B	C	D	E	39	1	2	3	4	5	59	1	2	3	4	5	79	1	2	3	4	5	99	1	2	3	4	5
20	A	B	C	D	E	40	1	2	3	4	5	60	1	2	3	4	5	80	1	2	3	4	5	100	1	2	3	4	5

101	A B C D E ① ② ③ ④ ⑤	121	A B C D E ① ② ③ ④ ⑤	141	A B C D E ① ② ③ ④ ⑤	161	A B C D E ① ② ③ ④ ⑤	181	A B C D E ① ② ③ ④ ⑤
102	A B C D E ① ② ③ ④ ⑤	122	A B C D E ① ② ③ ④ ⑤	142	A B C D E ① ② ③ ④ ⑤	162	A B C D E ① ② ③ ④ ⑤	182	A B C D E ① ② ③ ④ ⑤
103	A B C D E ① ② ③ ④ ⑤	123	A B C D E ① ② ③ ④ ⑤	143	A B C D E ① ② ③ ④ ⑤	163	A B C D E ① ② ③ ④ ⑤	183	A B C D E ① ② ③ ④ ⑤
104	A B C D E ① ② ③ ④ ⑤	124	A B C D E ① ② ③ ④ ⑤	144	A B C D E ① ② ③ ④ ⑤	164	A B C D E ① ② ③ ④ ⑤	184	A B C D E ① ② ③ ④ ⑤
105	A B C D E ① ② ③ ④ ⑤	125	A B C D E ① ② ③ ④ ⑤	145	A B C D E ① ② ③ ④ ⑤	165	A B C D E ① ② ③ ④ ⑤	185	A B C D E ① ② ③ ④ ⑤
106	A B C D E ① ② ③ ④ ⑤	126	A B C D E ① ② ③ ④ ⑤	146	A B C D E ① ② ③ ④ ⑤	166	A B C D E ① ② ③ ④ ⑤	186	A B C D E ① ② ③ ④ ⑤
107	A B C D E ① ② ③ ④ ⑤	127	A B C D E ① ② ③ ④ ⑤	147	A B C D E ① ② ③ ④ ⑤	167	A B C D E ① ② ③ ④ ⑤	187	A B C D E ① ② ③ ④ ⑤
108	A B C D E ① ② ③ ④ ⑤	128	A B C D E ① ② ③ ④ ⑤	148	A B C D E ① ② ③ ④ ⑤	168	A B C D E ① ② ③ ④ ⑤	188	A B C D E ① ② ③ ④ ⑤
109	A B C D E ① ② ③ ④ ⑤	129	A B C D E ① ② ③ ④ ⑤	149	A B C D E ① ② ③ ④ ⑤	169	A B C D E ① ② ③ ④ ⑤	189	A B C D E ① ② ③ ④ ⑤
110	A B C D E ① ② ③ ④ ⑤	130	A B C D E ① ② ③ ④ ⑤	150	A B C D E ① ② ③ ④ ⑤	170	A B C D E ① ② ③ ④ ⑤	190	A B C D E ① ② ③ ④ ⑤
111	A B C D E ① ② ③ ④ ⑤	131	A B C D E ① ② ③ ④ ⑤	151	A B C D E ① ② ③ ④ ⑤	171	A B C D E ① ② ③ ④ ⑤	191	A B C D E ① ② ③ ④ ⑤
112	A B C D E ① ② ③ ④ ⑤	132	A B C D E ① ② ③ ④ ⑤	152	A B C D E ① ② ③ ④ ⑤	172	A B C D E ① ② ③ ④ ⑤	192	A B C D E ① ② ③ ④ ⑤
113	A B C D E ① ② ③ ④ ⑤	133	A B C D E ① ② ③ ④ ⑤	153	A B C D E ① ② ③ ④ ⑤	173	A B C D E ① ② ③ ④ ⑤	193	A B C D E ① ② ③ ④ ⑤
114	A B C D E ① ② ③ ④ ⑤	134	A B C D E ① ② ③ ④ ⑤	154	A B C D E ① ② ③ ④ ⑤	174	A B C D E ① ② ③ ④ ⑤	194	A B C D E ① ② ③ ④ ⑤
115	A B C D E ① ② ③ ④ ⑤	135	A B C D E ① ② ③ ④ ⑤	155	A B C D E ① ② ③ ④ ⑤	175	A B C D E ① ② ③ ④ ⑤	195	A B C D E ① ② ③ ④ ⑤
116	A B C D E ① ② ③ ④ ⑤	136	A B C D E ① ② ③ ④ ⑤	156	A B C D E ① ② ③ ④ ⑤	176	A B C D E ① ② ③ ④ ⑤	196	A B C D E ① ② ③ ④ ⑤
117	A B C D E ① ② ③ ④ ⑤	137	A B C D E ① ② ③ ④ ⑤	157	A B C D E ① ② ③ ④ ⑤	177	A B C D E ① ② ③ ④ ⑤	197	A B C D E ① ② ③ ④ ⑤
118	A B C D E ① ② ③ ④ ⑤	138	A B C D E ① ② ③ ④ ⑤	158	A B C D E ① ② ③ ④ ⑤	178	A B C D E ① ② ③ ④ ⑤	198	A B C D E ① ② ③ ④ ⑤
119	A B C D E ① ② ③ ④ ⑤	139	A B C D E ① ② ③ ④ ⑤	159	A B C D E ① ② ③ ④ ⑤	179	A B C D E ① ② ③ ④ ⑤	199	A B C D E ① ② ③ ④ ⑤
120	A B C D E ① ② ③ ④ ⑤	140	A B C D E ① ② ③ ④ ⑤	160	A B C D E ① ② ③ ④ ⑤	180	A B C D E ① ② ③ ④ ⑤	200	A B C D E ① ② ③ ④ ⑤



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COMMENTS:

Could not do this course without him.

Way better than the professor

MARKING INSTRUCTIONS:

1. Use No. 2 pencil or blue or black pen only.
2. Make dark marks that fill the circle completely.
3. Do not fold, tear or make stray marks on this answer sheet.

CORRECT MARK



INCORRECT MARKS



COURSE NO CS330

DATE: / /

IDENTIFICATION NUMBER								SECTION	SPECIAL CODES						BIRTHDATE							
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	3	3	3	3	3	3	3	D	3	3	3	3	3	3	3	3	3	3	3			
	4	4	4	4	4	4	4	E	4	4	4	4	4	4	4	4	4	4	4			
	5	5	5	5	5	5	5	F	5	5	5	5	5	5	5	5	5	5	5			
	6	6	6	6	6	6	6	G	6	6	6	6	6	6	6	6	6	6	6			
	7	7	7	7	7	7	7	H	7	7	7	7	7	7	7	7	7	7	7			
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Office of Information Technology
Answer Sheet Form No. 2780

See Important Marking Instructions on Side 2

GRADE OR EDUC. 1 2 3 4 5 6 7 8 9 10 11 12 Fr So Jr Sr

NAME (Last, First)																										M.I.	VERSION			
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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	1	1
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	2	2
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	3	3
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	4	4
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	5	5
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	6	6
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	7	7
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	8	8
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	9	9
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		
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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		
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		
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		
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		
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		
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CORRECT MARK
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INCORRECT MARKS
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1	A B C D E	21	A B C D E	41	A B C D E	61	A B C D E	81	A B C D E
	1 1 2 3 4 ●		1 1 2 3 4 5		1 1 2 3 4 5		1 1 2 3 4 5		1 1 2 3 4 5
2	A B C D E	22	A B C D E	42	A B C D E	62	A B C D E	82	A B C D E
	1 1 2 3 4 ●		1 1 2 3 4 5		1 1 2 3 4 5		1 1 2 3 4 5		1 1 2 3 4 5
3	A B C D E	23	A B C D E	43	A B C D E	63	A B C D E	83	A B C D E
	1 1 2 3 4 ●		1 1 2 3 4 5		1 1 2 3 4 5		1 1 2 3 4 5		1 1 2 3 4 5
4	A B C D E	24	A B C D E	44	A B C D E	64	A B C D E	84	A B C D E
	1 1 2 3 4 ●		1 1 2 3 4 5		1 1 2 3 4 5		1 1 2 3 4 5		1 1 2 3 4 5
5	A B C D E	25	A B C D E	45	A B C D E	65	A B C D E	85	A B C D E
	1 1 2 3 4 ●		1 1 2 3 4 5		1 1 2 3 4 5		1 1 2 3 4 5		1 1 2 3 4 5
6	A B C D E	26	A B C D E	46	A B C D E	66	A B C D E	86	A B C D E
	1 1 2 3 4 ●		1 1 2 3 4 5		1 1 2 3 4 5		1 1 2 3 4 5		1 1 2 3 4 5
7	A B C D E	27	A B C D E	47	A B C D E	67	A B C D E	87	A B C D E
	1 1 2 3 4 5		1 1 2 3 4 5		1 1 2 3 4 5		1 1 2 3 4 5		1 1 2 3 4 5
8	A B C D E	28	A B C D E	48	A B C D E	68	A B C D E	88	A B C D E
	1 1 2 3 4 5		1 1 2 3 4 5		1 1 2 3 4 5		1 1 2 3 4 5		1 1 2 3 4 5
9	A B C D E	29	A B C D E	49	A B C D E	69	A B C D E	89	A B C D E
	1 1 2 3 4 5		1 1 2 3 4 5		1 1 2 3 4 5		1 1 2 3 4 5		1 1 2 3 4 5
10	A B C D E	30	A B C D E	50	A B C D E	70	A B C D E	90	A B C D E
	1 1 2 3 4 5		1 1 2 3 4 5		1 1 2 3 4 5		1 1 2 3 4 5		1 1 2 3 4 5
11	A B C D E	31	A B C D E	51	A B C D E	71	A B C D E	91	A B C D E
	1 1 2 3 4 5		1 1 2 3 4 5		1 1 2 3 4 5		1 1 2 3 4 5		1 1 2 3 4 5
12	A B C D E	32	A B C D E	52	A B C D E	72	A B C D E	92	A B C D E
	1 1 2 3 4 5		1 1 2 3 4 5		1 1 2 3 4 5		1 1 2 3 4 5		1 1 2 3 4 5
13	A B C D E	33	A B C D E	53	A B C D E	73	A B C D E	93	A B C D E
	1 1 2 3 4 5		1 1 2 3 4 5		1 1 2 3 4 5		1 1 2 3 4 5		1 1 2 3 4 5
14	A B C D E	34	A B C D E	54	A B C D E	74	A B C D E	94	A B C D E
	1 1 2 3 4 5		1 1 2 3 4 5		1 1 2 3 4 5		1 1 2 3 4 5		1 1 2 3 4 5
15	A B C D E	35	A B C D E	55	A B C D E	75	A B C D E	95	A B C D E
	1 1 2 3 4 5		1 1 2 3 4 5		1 1 2 3 4 5		1 1 2 3 4 5		1 1 2 3 4 5
16	A B C D E	36	A B C D E	56	A B C D E	76	A B C D E	96	A B C D E
	1 1 2 3 4 5		1 1 2 3 4 5		1 1 2 3 4 5		1 1 2 3 4 5		1 1 2 3 4 5
17	A B C D E	37	A B C D E	57	A B C D E	77	A B C D E	97	A B C D E
	1 1 2 3 4 5		1 1 2 3 4 5		1 1 2 3 4 5		1 1 2 3 4 5		1 1 2 3 4 5
18	A B C D E	38	A B C D E	58	A B C D E	78	A B C D E	98	A B C D E
	1 1 2 3 4 5		1 1 2 3 4 5		1 1 2 3 4 5		1 1 2 3 4 5		1 1 2 3 4 5
19	A B C D E	39	A B C D E	59	A B C D E	79	A B C D E	99	A B C D E
	1 1 2 3 4 5		1 1 2 3 4 5		1 1 2 3 4 5		1 1 2 3 4 5		1 1 2 3 4 5
20	A B C D E	40	A B C D E	60	A B C D E	80	A B C D E	100	A B C D E
	1 1 2 3 4 5		1 1 2 3 4 5		1 1 2 3 4 5		1 1 2 3 4 5		1 1 2 3 4 5

101	A B C D E 1 2 3 4 5	121	A B C D E 1 2 3 4 5	141	A B C D E 1 2 3 4 5	161	A B C D E 1 2 3 4 5	181	A B C D E 1 2 3 4 5
102	A B C D E 1 2 3 4 5	122	A B C D E 1 2 3 4 5	142	A B C D E 1 2 3 4 5	162	A B C D E 1 2 3 4 5	182	A B C D E 1 2 3 4 5
103	A B C D E 1 2 3 4 5	123	A B C D E 1 2 3 4 5	143	A B C D E 1 2 3 4 5	163	A B C D E 1 2 3 4 5	183	A B C D E 1 2 3 4 5
104	A B C D E 1 2 3 4 5	124	A B C D E 1 2 3 4 5	144	A B C D E 1 2 3 4 5	164	A B C D E 1 2 3 4 5	184	A B C D E 1 2 3 4 5
105	A B C D E 1 2 3 4 5	125	A B C D E 1 2 3 4 5	145	A B C D E 1 2 3 4 5	165	A B C D E 1 2 3 4 5	185	A B C D E 1 2 3 4 5
106	A B C D E 1 2 3 4 5	126	A B C D E 1 2 3 4 5	146	A B C D E 1 2 3 4 5	166	A B C D E 1 2 3 4 5	186	A B C D E 1 2 3 4 5
107	A B C D E 1 2 3 4 5	127	A B C D E 1 2 3 4 5	147	A B C D E 1 2 3 4 5	167	A B C D E 1 2 3 4 5	187	A B C D E 1 2 3 4 5
108	A B C D E 1 2 3 4 5	128	A B C D E 1 2 3 4 5	148	A B C D E 1 2 3 4 5	168	A B C D E 1 2 3 4 5	188	A B C D E 1 2 3 4 5
109	A B C D E 1 2 3 4 5	129	A B C D E 1 2 3 4 5	149	A B C D E 1 2 3 4 5	169	A B C D E 1 2 3 4 5	189	A B C D E 1 2 3 4 5
110	A B C D E 1 2 3 4 5	130	A B C D E 1 2 3 4 5	150	A B C D E 1 2 3 4 5	170	A B C D E 1 2 3 4 5	190	A B C D E 1 2 3 4 5
111	A B C D E 1 2 3 4 5	131	A B C D E 1 2 3 4 5	151	A B C D E 1 2 3 4 5	171	A B C D E 1 2 3 4 5	191	A B C D E 1 2 3 4 5
112	A B C D E 1 2 3 4 5	132	A B C D E 1 2 3 4 5	152	A B C D E 1 2 3 4 5	172	A B C D E 1 2 3 4 5	192	A B C D E 1 2 3 4 5
113	A B C D E 1 2 3 4 5	133	A B C D E 1 2 3 4 5	153	A B C D E 1 2 3 4 5	173	A B C D E 1 2 3 4 5	193	A B C D E 1 2 3 4 5
114	A B C D E 1 2 3 4 5	134	A B C D E 1 2 3 4 5	154	A B C D E 1 2 3 4 5	174	A B C D E 1 2 3 4 5	194	A B C D E 1 2 3 4 5
115	A B C D E 1 2 3 4 5	135	A B C D E 1 2 3 4 5	155	A B C D E 1 2 3 4 5	175	A B C D E 1 2 3 4 5	195	A B C D E 1 2 3 4 5
116	A B C D E 1 2 3 4 5	136	A B C D E 1 2 3 4 5	156	A B C D E 1 2 3 4 5	176	A B C D E 1 2 3 4 5	196	A B C D E 1 2 3 4 5
117	A B C D E 1 2 3 4 5	137	A B C D E 1 2 3 4 5	157	A B C D E 1 2 3 4 5	177	A B C D E 1 2 3 4 5	197	A B C D E 1 2 3 4 5
118	A B C D E 1 2 3 4 5	138	A B C D E 1 2 3 4 5	158	A B C D E 1 2 3 4 5	178	A B C D E 1 2 3 4 5	198	A B C D E 1 2 3 4 5
119	A B C D E 1 2 3 4 5	139	A B C D E 1 2 3 4 5	159	A B C D E 1 2 3 4 5	179	A B C D E 1 2 3 4 5	199	A B C D E 1 2 3 4 5
120	A B C D E 1 2 3 4 5	140	A B C D E 1 2 3 4 5	160	A B C D E 1 2 3 4 5	180	A B C D E 1 2 3 4 5	200	A B C D E 1 2 3 4 5



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COMMENTS:

Deb has an awesome mustache.

MARKING INSTRUCTIONS:

1. Use No. 2 pencil or blue or black pen only.
2. Make dark marks that fill the circle completely.
3. Do not fold, tear or make stray marks on this answer sheet.



IDENTIFICATION NUMBER							
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C	2
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F	5
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GRADE OR EDUC. 1 2 3 4 5 6 7 8 9 10 11 12 Fr So Jr Sr

NAME (Last, First)																										
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M.I.	VERSION
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C	3 3
D	4 4
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F	6 6
G	7 7
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SEX
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CORRECT MARK

INCORRECT MARKS



Office of Information Technology
 Answer Sheet Form No. 2780

See Important Marking Instructions on Side 2

1	A B C D E	21	A B C D E	41	A B C D E	61	A B C D E	81	A B C D E
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3	A B C D E	23	A B C D E	43	A B C D E	63	A B C D E	83	A B C D E
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Office of Information Technology
 111 Cummington Street
 Boston, MA 02215
 617/353-2780 FAX: 617/353-6260

COMMENTS:

PERFECT!

Thank Deb!

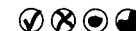
MARKING INSTRUCTIONS:

1. Use No. 2 pencil or blue or black pen only.
2. Make dark marks that fill the circle completely.
3. Do not fold, tear or make stray marks on this answer sheet.

CORRECT MARK



INCORRECT MARKS



IDENTIFICATION NUMBER								SECTION	SPECIAL CODES						BIRTHDATE								
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GRADE OR EDUC. 1 2 3 4 5 6 7 8 9 10 11 12 Fr So Jr Sr

NAME (Last, First)																									M.I.	VERSION			
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SEX
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CORRECT MARK

INCORRECT MARKS



Office of Information Technology
Answer Sheet Form No. 2780

See Important Marking Instructions on Side 2

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3	A B C D E	23	A B C D E	43	A B C D E	83	A B C D E
	2 3 4 5		1 2 3 4 5		1 2 3 4 5		1 2 3 4 5
4	A B C D E	24	A B C D E	44	A B C D E	84	A B C D E
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5	A B C D E	25	A B C D E	45	A B C D E	85	A B C D E
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101	A B C D E ① ② ③ ④ ⑤	121	A B C D E ① ② ③ ④ ⑤	141	A B C D E ① ② ③ ④ ⑤	161	A B C D E ① ② ③ ④ ⑤	181	A B C D E ① ② ③ ④ ⑤
102	A B C D E ① ② ③ ④ ⑤	122	A B C D E ① ② ③ ④ ⑤	142	A B C D E ① ② ③ ④ ⑤	162	A B C D E ① ② ③ ④ ⑤	182	A B C D E ① ② ③ ④ ⑤
103	A B C D E ① ② ③ ④ ⑤	123	A B C D E ① ② ③ ④ ⑤	143	A B C D E ① ② ③ ④ ⑤	163	A B C D E ① ② ③ ④ ⑤	183	A B C D E ① ② ③ ④ ⑤
104	A B C D E ① ② ③ ④ ⑤	124	A B C D E ① ② ③ ④ ⑤	144	A B C D E ① ② ③ ④ ⑤	164	A B C D E ① ② ③ ④ ⑤	184	A B C D E ① ② ③ ④ ⑤
105	A B C D E ① ② ③ ④ ⑤	125	A B C D E ① ② ③ ④ ⑤	145	A B C D E ① ② ③ ④ ⑤	165	A B C D E ① ② ③ ④ ⑤	185	A B C D E ① ② ③ ④ ⑤
106	A B C D E ① ② ③ ④ ⑤	126	A B C D E ① ② ③ ④ ⑤	146	A B C D E ① ② ③ ④ ⑤	166	A B C D E ① ② ③ ④ ⑤	186	A B C D E ① ② ③ ④ ⑤
107	A B C D E ① ② ③ ④ ⑤	127	A B C D E ① ② ③ ④ ⑤	147	A B C D E ① ② ③ ④ ⑤	167	A B C D E ① ② ③ ④ ⑤	187	A B C D E ① ② ③ ④ ⑤
108	A B C D E ① ② ③ ④ ⑤	128	A B C D E ① ② ③ ④ ⑤	148	A B C D E ① ② ③ ④ ⑤	168	A B C D E ① ② ③ ④ ⑤	188	A B C D E ① ② ③ ④ ⑤
109	A B C D E ① ② ③ ④ ⑤	129	A B C D E ① ② ③ ④ ⑤	149	A B C D E ① ② ③ ④ ⑤	169	A B C D E ① ② ③ ④ ⑤	189	A B C D E ① ② ③ ④ ⑤
110	A B C D E ① ② ③ ④ ⑤	130	A B C D E ① ② ③ ④ ⑤	150	A B C D E ① ② ③ ④ ⑤	170	A B C D E ① ② ③ ④ ⑤	190	A B C D E ① ② ③ ④ ⑤
111	A B C D E ① ② ③ ④ ⑤	131	A B C D E ① ② ③ ④ ⑤	151	A B C D E ① ② ③ ④ ⑤	171	A B C D E ① ② ③ ④ ⑤	191	A B C D E ① ② ③ ④ ⑤
112	A B C D E ① ② ③ ④ ⑤	132	A B C D E ① ② ③ ④ ⑤	152	A B C D E ① ② ③ ④ ⑤	172	A B C D E ① ② ③ ④ ⑤	192	A B C D E ① ② ③ ④ ⑤
113	A B C D E ① ② ③ ④ ⑤	133	A B C D E ① ② ③ ④ ⑤	153	A B C D E ① ② ③ ④ ⑤	173	A B C D E ① ② ③ ④ ⑤	193	A B C D E ① ② ③ ④ ⑤
114	A B C D E ① ② ③ ④ ⑤	134	A B C D E ① ② ③ ④ ⑤	154	A B C D E ① ② ③ ④ ⑤	174	A B C D E ① ② ③ ④ ⑤	194	A B C D E ① ② ③ ④ ⑤
115	A B C D E ① ② ③ ④ ⑤	135	A B C D E ① ② ③ ④ ⑤	155	A B C D E ① ② ③ ④ ⑤	175	A B C D E ① ② ③ ④ ⑤	195	A B C D E ① ② ③ ④ ⑤
116	A B C D E ① ② ③ ④ ⑤	136	A B C D E ① ② ③ ④ ⑤	156	A B C D E ① ② ③ ④ ⑤	176	A B C D E ① ② ③ ④ ⑤	196	A B C D E ① ② ③ ④ ⑤
117	A B C D E ① ② ③ ④ ⑤	137	A B C D E ① ② ③ ④ ⑤	157	A B C D E ① ② ③ ④ ⑤	177	A B C D E ① ② ③ ④ ⑤	197	A B C D E ① ② ③ ④ ⑤
118	A B C D E ① ② ③ ④ ⑤	138	A B C D E ① ② ③ ④ ⑤	158	A B C D E ① ② ③ ④ ⑤	178	A B C D E ① ② ③ ④ ⑤	198	A B C D E ① ② ③ ④ ⑤
119	A B C D E ① ② ③ ④ ⑤	139	A B C D E ① ② ③ ④ ⑤	159	A B C D E ① ② ③ ④ ⑤	179	A B C D E ① ② ③ ④ ⑤	199	A B C D E ① ② ③ ④ ⑤
120	A B C D E ① ② ③ ④ ⑤	140	A B C D E ① ② ③ ④ ⑤	160	A B C D E ① ② ③ ④ ⑤	180	A B C D E ① ② ③ ④ ⑤	200	A B C D E ① ② ③ ④ ⑤



Office of Information Technology
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 Boston, MA 02215
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COMMENTS:

*Third semester with Berno
 Still fun. But I think Berno
 is getting a little lazy. He
 has a tendency to dismiss
 homework problems as
 "trivial" even if they aren't.
 shrug still fun.*

MARKING INSTRUCTIONS:

1. Use No. 2 pencil or blue or black pen only.
2. Make dark marks that fill the circle completely.
3. Do not fold, tear or make stray marks on this answer sheet.

CORRECT MARK



INCORRECT MARKS



IDENTIFICATION NUMBER							
0	1	2	3	4	5	6	7
U							
0	0	0	0	0	0	0	0
1	1	1	1	1	1	1	1
2	2	2	2	2	2	2	2
3	3	3	3	3	3	3	3
4	4	4	4	4	4	4	4
5	5	5	5	5	5	5	5
6	6	6	6	6	6	6	6
7	7	7	7	7	7	7	7
8	8	8	8	8	8	8	8
9	9	9	9	9	9	9	9

SECTION	
A	D
B	1
C	2
D	3
E	4
F	5
G	6
H	7
I	8
J	9

SPECIAL CODES					
0	1	2	3	4	5
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
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8	8	8	8	8	8
9	9	9	9	9	9

BIRTHDATE			
MO.	DAY	YR.	
0	0	0	0
1	1	1	1
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9	9	9	9

GRADE OR EDUC. 1 2 3 4 5 6 7 8 9 10 11 12 Fr So Jr Sr

NAME (Last, First)											
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

M.I.	VERSION
	0 0
A	1 1
B	2 2
C	3 3
D	4 4
E	5 5
F	6 6
G	7 7
H	8 8
I	9 9

SEX
 M
 F

CORRECT MARK

INCORRECT MARKS



Office of Information Technology
 Answer Sheet Form No. 2780
 See Important Marking Instructions on Side 2

1	A B C D E	1	1 2 3 4 5	21	A B C D E	21	1 2 3 4 5	41	A B C D E	41	1 2 3 4 5	61	A B C D E	61	1 2 3 4 5	81	A B C D E	81	1 2 3 4 5
2	A B C D E	2	1 2 3 4 5	22	A B C D E	22	1 2 3 4 5	42	A B C D E	42	1 2 3 4 5	62	A B C D E	62	1 2 3 4 5	82	A B C D E	82	1 2 3 4 5
3	A B C D E	3	1 2 3 4 5	23	A B C D E	23	1 2 3 4 5	43	A B C D E	43	1 2 3 4 5	63	A B C D E	63	1 2 3 4 5	83	A B C D E	83	1 2 3 4 5
4	A B C D E	4	1 2 3 4 5	24	A B C D E	24	1 2 3 4 5	44	A B C D E	44	1 2 3 4 5	64	A B C D E	64	1 2 3 4 5	84	A B C D E	84	1 2 3 4 5
5	A B C D E	5	1 2 3 4 5	25	A B C D E	25	1 2 3 4 5	45	A B C D E	45	1 2 3 4 5	65	A B C D E	65	1 2 3 4 5	85	A B C D E	85	1 2 3 4 5
6	A B C D E	6	1 2 3 4 5	26	A B C D E	26	1 2 3 4 5	46	A B C D E	46	1 2 3 4 5	66	A B C D E	66	1 2 3 4 5	86	A B C D E	86	1 2 3 4 5
7	A B C D E	7	1 2 3 4 5	27	A B C D E	27	1 2 3 4 5	47	A B C D E	47	1 2 3 4 5	67	A B C D E	67	1 2 3 4 5	87	A B C D E	87	1 2 3 4 5
8	A B C D E	8	1 2 3 4 5	28	A B C D E	28	1 2 3 4 5	48	A B C D E	48	1 2 3 4 5	68	A B C D E	68	1 2 3 4 5	88	A B C D E	88	1 2 3 4 5
9	A B C D E	9	1 2 3 4 5	29	A B C D E	29	1 2 3 4 5	49	A B C D E	49	1 2 3 4 5	69	A B C D E	69	1 2 3 4 5	89	A B C D E	89	1 2 3 4 5
10	A B C D E	10	1 2 3 4 5	30	A B C D E	30	1 2 3 4 5	50	A B C D E	50	1 2 3 4 5	70	A B C D E	70	1 2 3 4 5	90	A B C D E	90	1 2 3 4 5
11	A B C D E	11	1 2 3 4 5	31	A B C D E	31	1 2 3 4 5	51	A B C D E	51	1 2 3 4 5	71	A B C D E	71	1 2 3 4 5	91	A B C D E	91	1 2 3 4 5
12	A B C D E	12	1 2 3 4 5	32	A B C D E	32	1 2 3 4 5	52	A B C D E	52	1 2 3 4 5	72	A B C D E	72	1 2 3 4 5	92	A B C D E	92	1 2 3 4 5
13	A B C D E	13	1 2 3 4 5	33	A B C D E	33	1 2 3 4 5	53	A B C D E	53	1 2 3 4 5	73	A B C D E	73	1 2 3 4 5	93	A B C D E	93	1 2 3 4 5
14	A B C D E	14	1 2 3 4 5	34	A B C D E	34	1 2 3 4 5	54	A B C D E	54	1 2 3 4 5	74	A B C D E	74	1 2 3 4 5	94	A B C D E	94	1 2 3 4 5
15	A B C D E	15	1 2 3 4 5	35	A B C D E	35	1 2 3 4 5	55	A B C D E	55	1 2 3 4 5	75	A B C D E	75	1 2 3 4 5	95	A B C D E	95	1 2 3 4 5
16	A B C D E	16	1 2 3 4 5	36	A B C D E	36	1 2 3 4 5	56	A B C D E	56	1 2 3 4 5	76	A B C D E	76	1 2 3 4 5	96	A B C D E	96	1 2 3 4 5
17	A B C D E	17	1 2 3 4 5	37	A B C D E	37	1 2 3 4 5	57	A B C D E	57	1 2 3 4 5	77	A B C D E	77	1 2 3 4 5	97	A B C D E	97	1 2 3 4 5
18	A B C D E	18	1 2 3 4 5	38	A B C D E	38	1 2 3 4 5	58	A B C D E	58	1 2 3 4 5	78	A B C D E	78	1 2 3 4 5	98	A B C D E	98	1 2 3 4 5
19	A B C D E	19	1 2 3 4 5	39	A B C D E	39	1 2 3 4 5	59	A B C D E	59	1 2 3 4 5	79	A B C D E	79	1 2 3 4 5	99	A B C D E	99	1 2 3 4 5
20	A B C D E	20	1 2 3 4 5	40	A B C D E	40	1 2 3 4 5	60	A B C D E	60	1 2 3 4 5	80	A B C D E	80	1 2 3 4 5	100	A B C D E	100	1 2 3 4 5