

CHAPTER V

Conclusion & Suggestion

In this chapter, I take some conclusions and suggestions based on the result of the data analysis and the description in chapter IV.

Conclusion

Based on the data finding that the UAS test of English in SMPN 2 Napabalano can be concluded that from 22 items of test that used in SMPN 2 Napabalano are not valid (invalid), in item validity particularly. Then, the UAS test also is not reliable, the test that used is not accurate and consistence to measure students' learning result in SMPN 2 Napabalano. In addition, the item analysis of test is satisfactory category. It is proven by IF of questions of UAS test are satisfactory category. It means the question is good and it is suitable to be collected in a question bank. However, the ID of questions of UAS test are poor. It is proven by the poor ID is more (12 items) than another category. The question cannot distinguish the students in upper and lower class. Then, the ED of questions of UAS test have served the function effectively. Most of the distracters are useful, because it can make students confused to choose the best answer.

Suggestion

Based on the result of this research, I suggest that the UAS test of English in SMPN 2 Napabalano in 2013/2014 academic year has to revise for the better test in the future. The school also can organize some training of arranging test. In addition, it is hoped that the English teachers are able to make the good test to know and to measure students' ability through learning process. The teachers also need to pay attention to the criteria of the good test. As like, IF, ID, Ed, test validity and test reliability. In arranging the test, the teacher also need to pay attention towards the grammar and structure of sentence. As a suggestion for the

next researcher, it is better to analyze the same problem of students' learning in English subject to the different class of school. Beside, the next researcher may applied this way of analysing the data of measuring another type of test.

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Appendix 1

Answer list of students in UAS test of English at SMPN 2 Napabalan

NO	NAME OF STUDENTS	NUMBER OF QUESTION AND ANSWER																						Sum
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	
		A	D	B	B	D	C	C	B	D	A	C	C	D	D	B	B	C	A	B	B	B	C	
1	EVIT YANINGSIH	C	D	D	B	B	B	C	B	A	D	A	C	D	D	D	C	C	C	B	B	C	A	10
2	IKSAN	D	D	C	A	B	B	D	C	A	A	A	C	D	A	A	A	A	C	B	B	C	C	7
3	YULIANI	A	D	B	B	C	C	B	A	A	A	C	C	B	B	B	C	C	A	C	C	B	C	13
4	OPI YULFAREZA	B	C	D	B	D	C	C	B	C	A	C	C	B	D	B	B	C	C	D	B	B	C	15
5	MUNARNI	A	B	B	B	D	B	C	A	A	D	D	C	C	C	B	C	C	B	B	C	C	C	10
6	LD.ABDUL HALIM	B	D	B	C	A	B	C	B	D	D	C	C	D	C	B	A	A	A	B	B	C	B	12
7	DONI DAMARA	B	B	B	B	D	D	C	B	A	A	B	C	C	D	B	B	C	A	C	C	B	B	13
8	LISA EFRIANI	A	B	B	B	C	C	C	B	C	C	C	B	D	D	D	B	A	A	B	C	C	C	13
9	LD. IPING FERDIANSYAH	D	D	A	B	D	C	B	B	A	A	C	B	C	D	B	C	C	A	B	B	B	C	12
10	FARIT KAUSAR	A	B	C	B	D	C	A	B	D	B	C	C	D	A	A	B	C	B	C	C	B	C	13
11	AULIA ULVA	C	D	C	B	A	C	C	B	C	A	C	C	D	A	B	A	C	B	B	B	D	D	14
12	AYU NINGSIH	A	D	B	B	C	C	C	C	D	B	C	D	D	D	A	B	A	A	B	B	B	C	16
13	MUH. FAHRUDIN	A	C	B	C	D	A	C	A	D	B	C	C	D	B	B	C	C	A	B	A	A	B	12
14	LENI MARLINA	D	D	C	B	D	C	B	B	C	A	B	C	A	D	B	C	C	A	B	C	D	C	13
15	ASRIANI	B	A	D	C	A	B	B	C	B	A	D	C	C	C	A	A	B	A	D	D	C	B	2
16	AL WASIU	A	D	C	B	D	C	C	B	D	B	D	B	A	D	B	B	C	A	B	B	C	D	15
17	WIDIARTI	B	C	D	C	A	C	D	D	D	B	C	B	C	D	D	B	C	A	B	A	B	A	10
18	EKO LANIUM PUTRA	A	D	B	B	A	B	C	B	D	A	B	C	A	B	B	A	B	A	D	B	B	C	12
19	AKMAL	A	D	C	B	B	C	D	B	D	B	B	B	C	D	D	A	C	B	B	A	B	A	10
20	GOFAN ARIF SETIAWAN	A	C	B	B	B	D	D	B	C	B	C	B	C	D	D	B	C	B	D	B	B	C	11
21	WD. ELIZA ADIYATUL	B	D	D	A	D	C	C	A	D	B	C	B	C	B	B	A	A	B	B	B	B	A	10
22	NINDI RAHMASARI	A	D	C	B	C	D	C	B	D	A	D	C	D	D	B	A	C	A	D	A	B	C	15

23	HERMAN SAPUTRA	B	D	B	B	B	C	A	A	D	A	C	C	C	D	C	A	B	A	B	D	C	B	12
24	FAJAR	A	D	D	B	B	B	C	A	C	A	C	B	C	C	D	A	A	B	A	B	B	C	11
25	ENDANG	A	D	A	B	B	D	C	B	A	C	C	B	A	D	D	C	C	A	C	B	A	D	10
26	DEO JULIA HIKMAT	C	D	A	B	D	A	B	B	A	C	C	C	D	D	A	B	C	A	D	C	B	C	13
27	MAHARANI	A	D	B	B	D	C	D	A	D	C	B	C	C	D	B	A	C	A	B	B	B	C	16
28	NURHAYATI	A	D	B	C	D	B	C	A	B	A	C	B	D	C	B	A	B	C	B	B	C	B	11
29	NABIL ARDIANSYAH PANJA	A	C	B	A	D	C	D	C	D	A	C	B	D	D	B	A	C	A	B	C	B	D	14
30	NURHIJRAH	A	C	B	B	C	C	D	A	D	A	C	D	C	D	B	A	B	C	B	B	B	C	13
31	NUR ASYIAH LEMOGINTI	A	D	B	B	D	C	C	A	D	A	D	C	C	D	C	B	C	A	B	B	B	C	18
32	ASI SATRIANI	A	D	B	B	D	A	C	A	D	C	C	C	C	D	B	A	B	A	B	B	C	B	13
33	NUR AISYAH LEMOGINTI	A	C	C	B	B	C	A	A	C	A	C	C	D	D	B	B	A	C	B	A	B	D	12
34	ELVA SAFIRA	B	C	B	C	C	D	A	A	D	B	C	A	C	D	B	A	B	B	C	B	C	B	6
35	DEWI SRI	B	D	B	B	C	C	C	A	C	A	B	C	D	C	B	A	B	A	A	B	C	B	11
36	HAMRUN	A	C	B	C	C	C	C	A	D	B	C	C	C	B	B	B	B	A	B	B	D	D	12

Appendix 2

List of the students' score in UAS test of English at SMPN 2 Napabalano

N	Number of Questions and Answer																					Sum	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21		22
x1	0	1	0	1	0	0	1	1	0	0	0	1	1	1	0	0	1	0	1	1	0	0	10
x2	0	1	0	0	0	0	0	0	0	1	0	1	1	0	0	0	0	0	1	1	0	1	7
x3	1	1	1	1	0	1	0	0	0	1	1	1	0	0	1	0	1	1	0	0	1	1	13
x4	0	0	0	1	1	1	1	1	0	1	1	1	0	1	1	1	1	0	0	1	1	1	15
x5	1	0	1	1	1	0	1	0	0	0	0	1	0	0	1	0	1	0	1	0	0	1	10
x6	0	1	1	0	0	0	1	1	1	0	1	1	1	0	1	0	0	1	1	1	0	0	12
x7	0	0	1	1	1	0	1	1	0	1	0	1	0	1	1	1	1	1	0	0	1	0	13
x8	1	0	1	1	0	1	1	1	0	0	1	0	1	1	0	1	0	1	1	0	0	1	13
x9	0	1	0	1	1	1	0	1	0	1	1	0	0	1	1	0	1	1	1	1	1	1	15
x10	1	0	0	1	1	1	0	1	1	0	1	1	1	0	0	1	1	0	0	0	1	1	13
x11	0	1	0	1	0	1	1	1	0	1	1	1	1	0	1	0	1	0	1	1	1	0	14
x12	1	1	1	1	0	1	1	0	1	0	1	0	1	1	0	1	0	1	1	1	1	1	16
x13	1	0	1	0	1	0	1	0	1	0	1	1	1	0	1	0	1	1	1	0	0	0	12
x14	0	1	0	1	1	1	0	1	0	1	0	1	0	1	1	0	1	1	1	0	0	1	13
x15	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	2
x16	1	1	0	1	1	1	1	1	1	1	0	0	0	0	1	1	1	1	1	1	0	0	15
x17	0	0	1	0	0	1	0	0	1	0	1	0	0	1	0	1	1	1	1	0	1	0	10
x18	1	1	1	1	0	0	1	0	1	1	0	0	0	0	1	0	0	1	0	1	1	1	12
x19	1	1	0	1	0	1	0	1	1	0	0	0	0	1	0	0	1	0	1	0	1	0	10
x20	1	0	1	1	0	0	0	1	0	0	1	0	0	1	0	1	1	0	0	1	1	1	11
x21	0	1	0	0	1	1	1	0	1	0	1	0	0	0	1	0	0	0	1	1	1	0	10
x22	1	1	0	1	0	0	1	1	1	1	0	1	1	1	1	0	1	1	0	0	1	1	15
x23	0	1	1	1	0	1	0	0	1	1	1	1	0	1	0	0	0	1	1	1	0	0	12

x24	1	1	1	1	0	0	1	0	0	1	1	0	0	1	0	0	0	1	1	1	0	0	11
x25	1	1	0	1	0	0	1	1	0	0	1	0	0	1	0	0	1	1	0	1	0	0	10
x26	0	1	0	1	1	0	0	1	0	0	1	1	1	1	0	1	1	1	0	0	1	1	13
x27	1	1	1	1	1	1	0	0	1	0	0	1	0	1	1	0	1	1	1	1	1	1	16
x28	1	1	1	0	1	0	1	0	0	1	1	0	1	0	1	0	0	0	1	1	0	0	11
x29	1	0	1	0	1	1	0	0	1	1	1	0	1	1	1	0	1	1	1	0	1	0	14
x30	1	0	1	1	0	1	0	0	1	1	1	0	0	1	1	0	0	0	1	1	1	1	13
x31	1	1	1	1	1	1	0	1	1	0	1	0	1	0	1	1	1	1	1	1	1	1	18
x32	1	1	1	1	0	0	1	0	1	0	1	1	0	1	1	0	0	1	1	1	0	0	13
x33	1	0	0	1	0	1	0	0	0	1	1	1	1	1	1	1	0	0	1	0	1	0	12
x34	0	0	1	0	0	0	0	0	1	0	1	0	0	1	1	0	0	0	0	1	0	0	6
x35	0	1	1	1	0	1	1	0	0	1	0	1	1	0	1	0	0	1	0	1	0	0	11
x36	1	0	1	0	0	1	1	0	1	0	1	1	0	0	1	1	0	1	1	1	0	0	12
Σ	21	22	21	26	14	20	19	16	18	17	24	20	15	21	23	12	20	23	24	22	19	16	433

Appendix 3. Test validity

n	Number of Questions and Answer																						sum
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	
x1	0	1	0	1	0	0	1	1	0	0	0	1	1	1	0	0	1	0	1	1	0	0	10
x2	0	1	0	0	0	0	0	0	0	1	0	1	1	0	0	0	0	0	1	1	0	1	7
x3	1	1	1	1	0	1	0	0	0	1	1	1	0	0	1	0	1	1	0	0	1	1	13
x4	0	0	0	1	1	1	1	1	0	1	1	1	0	1	1	1	1	0	0	1	1	1	15
x5	1	0	1	1	1	0	1	0	0	0	0	1	0	0	1	0	1	0	1	0	0	1	10
x6	0	1	1	0	0	0	1	1	1	0	1	1	1	0	1	0	0	1	1	1	1	0	12
x7	0	0	1	1	1	0	1	1	0	1	0	1	0	1	1	1	1	1	0	0	1	0	13
x8	1	0	1	1	0	1	1	1	0	0	1	0	1	1	0	1	0	1	1	0	0	1	13
x9	0	1	0	1	1	1	0	1	0	1	1	0	0	1	1	0	1	1	1	1	1	1	15
x10	1	0	0	1	1	1	0	1	1	0	1	1	1	0	0	1	1	0	0	0	1	1	13
x11	0	1	0	1	0	1	1	1	0	1	1	1	1	0	1	0	1	0	1	1	1	1	14
x12	1	1	1	1	0	1	1	0	1	0	1	0	1	1	0	1	0	1	1	1	1	1	16
x13	1	0	1	0	1	0	1	0	1	0	1	1	1	0	1	0	1	1	1	1	0	0	12
x14	0	1	0	1	1	1	0	1	0	1	0	1	0	1	1	0	1	1	1	1	0	0	13
x15	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	2
x16	1	1	0	1	1	1	1	1	1	1	0	0	0	0	1	1	1	1	1	1	1	0	15
x17	0	0	1	0	0	1	0	0	1	0	1	0	0	1	0	1	1	1	1	1	0	1	10
x18	1	1	1	1	0	0	1	0	1	1	0	0	0	0	1	0	0	1	0	1	1	1	12
x19	1	1	0	1	0	1	0	1	1	0	0	0	0	1	0	0	1	0	1	0	1	0	10
x20	1	0	1	1	0	0	0	1	0	0	1	0	0	1	0	1	1	0	0	1	1	1	11
x21	0	1	0	0	1	1	1	0	1	0	1	0	0	0	1	0	0	0	1	1	1	0	10
x22	1	1	0	1	0	0	1	1	1	1	0	1	1	1	1	0	1	1	0	0	1	1	15
x23	0	1	1	1	0	1	0	0	1	1	1	1	0	1	0	0	0	1	1	1	1	0	12
x24	1	1	1	1	0	0	1	0	0	1	1	0	0	1	0	0	0	1	1	1	1	0	11
x25	1	1	0	1	0	0	1	1	0	0	1	0	0	1	0	0	1	1	0	1	0	0	10
x26	0	1	0	1	1	0	0	1	0	0	1	1	1	1	0	1	1	1	0	0	1	1	13
x27	1	1	1	1	1	1	0	0	1	0	0	1	0	1	1	0	1	1	1	1	1	1	16
x28	1	1	1	0	1	0	1	0	0	1	1	0	1	0	1	0	0	0	1	1	0	0	11
x29	1	0	1	0	1	1	0	0	1	1	1	0	1	1	1	0	1	1	1	0	1	0	14
x30	1	0	1	1	0	1	0	0	1	1	1	0	0	1	1	0	0	0	1	1	1	1	13
x31	1	1	1	1	1	1	0	1	1	0	1	0	1	0	1	1	1	1	1	1	1	1	18
x32	1	1	1	1	0	0	1	0	1	0	1	1	0	1	1	0	0	1	1	1	0	0	13
x33	1	0	0	1	0	1	0	0	0	1	1	1	1	1	1	1	0	0	1	0	1	0	12
x34	0	0	1	0	0	0	0	0	1	0	1	0	0	1	1	0	0	0	0	1	0	0	6
x35	0	1	1	1	0	1	1	0	0	1	0	1	1	0	1	0	0	1	0	1	0	0	11
x36	1	0	1	0	0	1	1	0	1	0	1	1	0	0	1	1	0	1	1	1	0	0	12
Σ	21	22	21	26	14	20	19	16	18	17	24	20	15	21	23	12	20	23	24	22	19	16	433

p	0,6	0,6	0,6	0,7	0,4	0,6	0,5	0,4	0,5	0,5	0,7	0,6	0,4	0,6	0,6	0,3	0,6	0,6	0,7	0,6	0,5	0,4	
q	0,4	0,4	0,4	0,3	0,6	0,4	0,5	0,6	0,5	0,5	0,3	0,4	0,6	0,4	0,4	0,7	0,4	0,4	0,3	0,4	0,5	0,6	
p/q	1,4	1,6	1,4	2,6	0,6	1,3	1,1	0,8	1	0,9	2	1,3	0,7	1,4	1,8	0,5	1,3	1,8	2	1,6	1,1	0,8	
vp/q	1,2	1,3	1,2	1,6	0,8	1,1	1,1	0,9	1	0,9	1,4	1,1	0,8	1,2	1,3	0,7	1,1	1,3	1,4	1,3	1,1	0,9	
mt	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	
mp	13	13	12	13	13	13	12	13	13	13	12	12	13	12	13	13	13	13	12	12	13	13	
mp-mt	0,8	0,6	0,3	0,9	1,4	1,2	0,3	1,1	0,7	0,7	0,4	-0,1	0,7	0,4	0,8	1,4	1	0,6	0,4	0,2	1,3	1,3	
St	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
Mp-Mt/St	0,3	0,2	0,1	0,3	0,5	0,4	0,1	0,4	0,3	0,2	0,1	-0	0,2	0,1	0,3	0,5	0,3	0,2	0,1	0,1	0,4	0,4	
F _{count}	0,3	0,2	0,1	0,5	0,4	0,5	0,1	0,3	0,3	0,2	0,2	-0	0,2	0,2	0,4	0,3	0,4	0,3	0,2	0,1	0,5	0,4	
rtable	0,4	0,4	0,4	0,4	0,4	0,4	0,4	0,4	0,4	0,4	0,4	0,4	0,4	0,4	0,4	0,4	0,4	0,4	0,4	0,4	0,4	0,4	
valid/invalid	Invalid	Invalid	invalid	valid	Invalid	valid	invalid	invalid	invalid	invalid	invalid	invalid	Invalid	invalid	Invalid	invalid	Invalid	invalid	invalid	invalid	invalid	valid	invalid

Appendix 4 Test Reliability

No	Odd item (X)	X ²	even item (Y)	Y ²	XY
X1	4	16	6	36	24
X2	2	4	5	25	10
X3	6	36	7	49	42
X4	6	36	9	81	54
X5	7	49	3	9	21
X6	7	49	5	25	35
X7	6	36	7	49	42
X8	6	36	7	49	42
X9	6	36	9	81	54
X10	7	49	6	36	42
X11	7	49	7	49	49
X12	8	64	8	64	64
X13	10	100	2	4	20
X14	4	16	9	81	36
X15	0	0	2	4	0
X16	7	49	8	64	56
X17	6	36	4	16	24
X18	6	36	6	36	36
X19	5	25	5	25	25
X20	5	25	6	36	30
X21	7	49	3	9	21
X22	7	49	8	64	56
X23	4	16	8	64	32
X24	5	25	6	36	30
X25	4	16	6	36	24
X26	5	25	8	64	40
X27	8	64	8	64	64
X28	8	64	3	9	24
X29	10	100	4	16	40
X30	7	49	6	36	42
X31	10	100	8	64	80
X32	7	49	6	36	42
X33	6	36	6	36	36
X34	4	16	2	4	8
X35	4	16	7	49	28
X36	7	49	5	25	35
	218	1470	215	1431	1308
	ΣX	ΣX^2	ΣY	ΣY^2	ΣXY

$$r_b = \frac{N \sum XY - (\sum X)(\sum Y)}{\sqrt{\{N \sum X^2 - (\sum X)^2\} \{N \sum Y^2 - (\sum Y)^2\}}} \quad r_b = \frac{(36.1313) - (218)(215)}{\sqrt{\{36.1470 - (218)^2\} \{36.1431 - (215)^2\}}}$$

$$r_b = \frac{47268 - 46870}{\sqrt{\{52920 - 47524\} \{51516 - 46225\}}} \quad r_b = \frac{398}{\sqrt{5396.5291}} \quad r_b = \frac{398}{\sqrt{28550236}}$$

$$r_b = \frac{398}{5343,24} = 0,07$$

$$r_{11} = \frac{2 \cdot r_b}{1 + r_b}$$

$$r_{11} = \frac{2 \cdot 0,07}{1 + 0,07} = r_{11} = \frac{0,14}{1,07} = 0,131$$

Appendix 5 . The analysis of Item facility (IF)

N	N_{correct}	N_{total}	IF	Question Category
1	21	36	0.583333	satisfactory
2	22	36	0.611111	satisfactory
3	21	36	0.583333	satisfactory
4	26	36	0.722222	easy
5	14	36	0.388889	Satisfactory
6	20	36	0.555556	Satisfactory
7	19	36	0.527778	Satisfactory
8	16	36	0.444444	Satisfactory
9	18	36	0.5	Difficult
10	17	36	0.472222	Satisfactory
11	24	36	0.666667	Satisfactory
12	20	36	0.555556	Satisfactory
13	15	36	0.416667	Satisfactory
14	21	36	0.583333	Satisfactory
15	23	36	0.638889	Satisfactory
16	12	36	0.333333	Satisfactory
17	20	36	0.555556	Satisfactory
18	23	36	0.638889	Satisfactory
19	24	36	0.666667	Satisfactory
20	22	36	0.611111	Satisfactory
21	19	36	0.527778	Satisfactory
22	16	36	0.444444	Satisfactory

Appendix 6

The analysis of item discrimination (ID)

No	Class	N	Score	N.quest	IF _{upper}	IF _{lower}	ID	Category
1	Upper	x31	18	1	0.6	0.55	0.05	Poor
2		x27	16	2	0.67	0.55	0.12	Poor
3		x12	16	3	0.55	0.6	-0.05	Poor
4		x4	15	4	0.94	0.5	0.44	Good
5		x9	15	5	0.6	0.15	0.45	Good
6		x16	15	6	0.75	0.33	0.42	Good
7		x22	15	7	0.44	0.6	-0.16	Poor
8		x29	14	8	0.6	0.27	0.33	Poor
9		x11	14	9	0.55	0.44	0.11	Poor
10		x3	13	10	0.6	0.33	0.27	Satisfactory
11		x7	13	11	0.72	0.6	0.12	Poor
12		x8	13	12	0.6	0.5	0.1	Poor
13		x10	13	13	0.44	0.38	0.06	Poor
14		x14	13	14	0.72	0.44	0.28	Satisfactory
15		x26	13	15	0.72	0.55	0.17	Poor
16		x30	13	16	0.44	0.22	0.22	Satisfactory
17		x32	13	17	0.72	0.38	0.34	Satisfactory
18		x23	12	18	0.77	0.5	0.27	Satisfactory
19	Lower	x6	12	19	0.66	0.66	0	Poor
20		x13	12	20	0.55	0.66	-0.11	Poor
21		x18	12	21	0.72	0.33	0.39	Satisfactory
22		x33	12	22	0.66	0.33	0.33	Satisfactory
23		x36	12					
24		x20	11					
25		x24	11					
26		x28	11					
27		x35	11					
28		x1	10					
29		x5	10					
30		x17	10					
31		x19	10					
32		x21	10					
33		x25	10					
34		x2	7					
35		x34	6					
36		x15	2					

Appendix 7

The analysis of the effectiveness of distracter (ED)

N	Answer key	Choser	Distracter	Choser	Result	Explanation
1	A	21	B	9	25	Useful
			C	3	8.333333333	Useful
			D	3	8.333333333	Useful
2	D	22	A	9	25	Useful
			B	4	11.11111111	Useful
			C	1	2.777777778	Unuseful
3	B	21	A	3	8.333333333	Useful
			C	8	22.22222222	Useful
			D	4	11.11111111	Useful
4	B	26	A	3	8.333333333	Useful
			C	7	19.44444444	Useful
			D	0	0	Unuseful
5	D	14	A	5	13.88888889	Useful
			B	9	25	Useful
			C	8	22.22222222	Useful
6	C	20	A	3	8.333333333	Useful
			B	8	22.22222222	Useful
			D	5	13.88888889	Useful
7	C	19	A	4	11.11111111	Useful
			B	6	16.66666667	Useful
			D	7	19.44444444	Useful
8	B	16	A	15	41.66666667	Useful
			C	4	11.11111111	Useful
			D	1	2.777777778	Unuseful
9	D	18	A	8	22.22222222	Useful
			B	2	5.555555556	Useful
			C	8	22.22222222	Useful
10	A	17	B	10	27.77777778	Useful
			C	6	16.66666667	Useful
			D	3	8.333333333	Useful
11	C	24	A	2	5.555555556	Useful
			B	6	16.66666667	Useful
			D	4	11.11111111	Useful
12	C	20	A	1	2.777777778	Unuseful
			B	11	30.55555556	Useful
			D	4	11.11111111	Useful
13	D	15	A	4	11.11111111	Useful
			B	2	5.555555556	Useful
			C	15	41.66666667	Useful
14	D	21	A	3	8.333333333	Useful
			B	5	13.88888889	Useful

			C	7	19.44444444	Useful
15	B	23	A	6	16.66666667	Useful
			C	2	5.55555556	Useful
			D	5	13.88888889	Useful
16	B	12	A	16	44.44444444	Useful
			C	7	19.44444444	Useful
			D	1	2.77777778	Unuseful
17	C	20	A	6	16.66666667	Useful
			B	10	27.77777778	Useful
			D	0	0	Unuseful
18	A	23	B	7	19.44444444	Useful
			C	6	16.66666667	Useful
			D	0	0	Unuseful
19	B	24	A	1	2.77777778	Unuseful
			C	5	13.88888889	Useful
			D	6	16.66666667	Useful
20	B	22	A	5	13.88888889	Useful
			C	7	19.44444444	Useful
			D	2	5.55555556	Useful
21	B	19	A	2	5.55555556	Useful
			C	13	36.11111111	Useful
			D	2	5.55555556	Useful
22	C	16	A	4	11.11111111	Useful
			B	10	27.77777778	Useful
			D	6	16.66666667	Useful