

5. MARK ANALYSIS and QUESTION DIFFICULTY

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QUESTION	A	B	C	D	E	GJ	VR	TOTAL	TA
1	1	91	1	1	1	11		91.0	91.0
2	5	5	4	3	18	71		38.2	38.2
3		2	1	6	81	16		84.0	84.0
4	5	1	1	11	56	32		67.9	67.9
5	6			2	58	40		73.6	73.6
6	37	3		57		9		58.0	58.0
7	4	60	7	9		26		68.9	68.9
8	77	2	3	2	1	21		82.5	82.5
9	59	3		1	7	36		23.6	23.6
10		68	2	2	3	31		78.8	78.8
11	1	1		1	72	31		82.5	82.5
12	6	4	2	2		92		45.3	45.3
13	15	3	14	1	15	58		40.6	40.6
14	2	7	2		41	54		64.2	64.2
15	1	98			1	6		95.3	95.3
16		1		95		10		94.3	94.3
17		21	2	22	4	57		46.7	46.7
18	1	2	84		2	17		87.3	87.3
19	104					2		99.1	99.1
20	105					1		99.5	99.5
21		77	2	2	2	23		83.5	83.5
22	1	59	1		4	41		75.0	75.0
23		97				9		95.8	95.8
24	33	1	1	1	2	68		63.2	63.2
25		4			66	36		79.2	79.2
26		84	1	1		20		88.7	88.7
27		2	1	81		22		86.8	86.8
28	16	13	1	31	1	44		50.0	50.0
29		3	75	1	3	24		82.1	82.1
30		3	1	51	4	47		70.3	70.3
31	1	1		3	95	6		92.5	92.5
32	2			1	96	7		93.9	93.9
33		2		75	3	26		83.0	83.0
34	6	68	1			31		78.8	78.8
35		49	2		8	47		68.4	68.4
36	2	5		2	73	24		80.2	80.2
37			1	72	3	30		82.1	82.1
38	2		64		5	35		76.9	76.9
39		2	1	1	79	23		85.4	85.4
40		5	2	54		45		72.2	72.2
41	1		1	51	2	51		72.2	72.2
42		1		4	48	53		70.3	70.3
43		5	6	3	3	89		44.8	44.8
44	1	3	3	5	3	91		43.9	43.9
45	1	1	1	1	22	80		58.5	58.5
46	67	1				38		81.1	81.1
47	47	2	4	1	10	42		64.2	64.2
48	3	39	2	3	2	57		63.7	63.7
49		50	1		2	53		72.2	72.2
50 Tally	2	37	3			64		0.0	0.0
Key(s)*	8	13	5	10	13				
Marked >0			4.2	4.2					
Marked >5			2.1	2.1					
Fitness Min								23.8	23.8
Fitness Max								48.5	48.5
Average Item Difficulty								73.1	73.1

LEGEND

- 1 A B C D E
- 2 A tally of student marks. (*) is the right answer.
- 4 GJ
- 1 Good judgment to not mark a wrong answer.
- 1 Both knowledge and judgment are scored.
- 3
- 2 VR
- 2 Average difficulty by version.
- 3
- 3 TOTAL
- 2 Average difficulty by question.
- 1
- 1 Key *s
- 3 Tally of right answers on each key.
- 1
- 1 Marked>0
- 1 Average number of options marked per question.
- 1
- 2 Marked>1
- 1 Average number of options marked > once.
- 2
- 2 Fitness.
- 1 How well the test matches student preparation.
- 1 100/average number of options marked > 0 or => 5%.
- 3 Average student educated guessing score.
- 1
- 2 Average
- 1 Average difficulty by test version.
- 1 Average difficulty (and student score) for test.
- 1
- 2 TA
- 2 Tally Analysis (Knowledge and Judgment Scores Only)
- 1 Omit, Good Judgment Value Set at: 50%
- 2 103 out of 106 Students Participating: 97%
- 2
- 1 Questions based on Participating Students:
- 2 1. Expected: 19 39%
- 2 2. Discriminating: 21 43%
- 2 3. Guessing: 8 16%
- 3 4. Misconception: 1 2%
- 3 Total: 49