

DC SRO

9/23/00

ES-401

Written Examination
Review Worksheet

Form ES-401-9

Q#	1. LOK (F/H)	2. LOD (1-5)	3. Psychometric Flaws					4. Job Content Flaws				5. U/E/S	6. Explanation	
			Stem Focus	Cues	T/F	Cred. Dist.	Partial	Job-Link	Minutia	#/units	Backward			
1	h	2				✓							Σ	Why is D credible?
2	h	3											S	
3	h	2											Σ	conditions not aligned
4	F	2											Σ	align A/D consistently w/ other Q
5	h	2				✓							U	how is B/D wrong? add " to proc name
6	F	1											E	Reword C fm "none of above" answer
7	h	3											E	Check ". " spacing
8	h	3											E	align 3 rd condition
9	F	4							✓				Σ	Verify recog/recall LOK, align 4 th cond
10	h	4											E	Explain C vs D

Instructions

[Refer to Appendix B for additional information regarding each of the following concepts.]

- Enter the level of knowledge (LOK) of each question as either (F)undamental or (H)igher cognitive level.
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- Check the appropriate box if a psychometric flaw is identified:
 - The stem lacks sufficient focus to elicit the correct answer (e.g., unclear intent, more information is needed, or too much needless information).
 - The stem or distractors contain cues (i.e., clues, specific determiners, phrasing, length, etc).
 - The answer choices are a collection of unrelated true/false statements.
 - More than one distractor is not credible.
 - One or more distractors is (are) partially correct (e.g., if the applicant can make unstated assumptions that are not contradicted by stem).
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 - The question is not linked to the job requirements (i.e., the question has a valid K/A but, as written, is not operational in content).
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DC SRD

ES-401

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Form ES-401-9

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			Stem Focus	Cues	T/F	Cred. Dist.	Partial	Job-Link	Minutia	#/units	Backward			
11	h	3		✓		✓							Σ	Check cue in 8, is D credible?
12	h	4								✓			Σ	Verify req'd recog/recall
13	F	3								✓			Σ	as above, Do we need to define "Appd B"? "busses" sic
14	F	3											S	
15	F	2				✓							Σ	"D" credible?
16	F	2								✓			Σ	as 12
17	F	3								✓			Σ	"
18	F	3								✓			Σ	"
19	h	3											Σ	move "to prevent" to stem
20	F	3											S	
21	F	3											Σ	fix grammar
22	h	3											Σ	reword stem as shown
23	F	2				✓							UE	Make "D" more like B as shown
24	F	2											S	
25	F	2											S	
26	F	2											S	
27	h	3											S	
28	h	3											S	
29	h	2		✓									Σ	Why is swell caused by mass decrease?
30	h	3											Σ	reword stem to note inverter assoc. w/ inst power

DC SLO

Q#	1. LOK (F/H)	2. LOD (1-5)	3. Psychometric Flaws					4. Job Content Flaws				5. U/E/S	6. Explanation	
			Stem Focus	Cues	T/F	Cred. Dist.	Partial	Job-Link	Minutia	# units	Backward			
31	h	3											S	
32	h	3											S	
33	F	2											E	Clarify "B" - pmps will not "start" since 1-2 running
34	h	3											S	
35	F	2											S	
36	h	3							✓				E	Confirm recall/recog Align stem
37	h	3		✓									E	Delete "phase A" in answer?
38	h	1					✓						U	A/B/C credible?
39	h	3											S	clearer if converted to table?
40	h	4											SE	Confirm recall/recog
41	h	3											S	
42	h	3					✓						E	Reword C like B to clarify
43	h	3											SE	Is C credible?
44	F	2			✓								E	T/F collection. Reword? Correct grammar.
45	T/F	2											S	
46	T/F	2											S	
47	F	2											S	
48	F	3	✓										E	Reword. Stem confusing
49	F	2											S	
50	h	3					✓	✓					U	D correct for stem question. Align D and.

DC SPD

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Q#	1. LOK (F/H)	2. LOD (1-5)	3. Psychometric Flaws					4. Job Content Flaws				5. U/E/S	6. Explanation
			Stem Focus	Cues	T/F	Cred. Dist.	Partial	Job-Link	Minutia	#/units	Backward		
71	h	2										S	Why is C wrong?
72	h	2										S	
73	h	3				✓						U	Why are A/C credible? Is B wrong? Revised
74	h	3										S	
75	F	3										S	
76	F	2										E	Reword stem as shown. Reword A/B/C to be alike
77	F	1										U	Replaced
78	F	2										S	
79	F	2										U	looks like direct lookup? Requires ^{align cond.} Cogn. & Use of Prev.
80	F	2										S	
81	F	2						✓				E	Recall/leak?
82	F	2										S	
83	F	2										S	
84	h	3										E	See markup
85	h	2										S	Align cond.
86	h	3										S	
87	h	2		✓								E	RE-18 → RCV-18 cue? Revised
88	F	2										U	Q59/60 cue C partially true Replaced
89	F	2										S	
90	F	2				✓						U	Why are B/C credible? Revised

DC SRU

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			Stem Focus	Cues	T/F	Cred. Dist.	Partial	Job-Link	Minutia	#/units	Backward			
51	h	3											E	Align conditions
✓ 52	h	3				✓							E	Why is D wrong?
53	h	3											S	
✓ 54	h	3				✓							U	Explain why A/B credible? Is "C" wrong? - Revised
55	h	3											S	
✓ 56	h	3	✓	✓									S	Stem was provided. Steam tables provided? - PCT change in PS19? in Yes
? 57	h	3				✓							U	Explain why A-B-C credible?
58	h	3											E	Review D more of above?
✓ 59	h	4											S	Let's discuss if D correct w/ ref. math. Revised
60	h	3		✓									E	Align conditions
✓ 61	h	3		✓		✓							E	Cues 59 Why are B/C/D credible? - Different K/A base
62	h	3	✓										E	looking for sequence? C/D credible?
63	F	2											E	A/D credible?
✓ 64	F	2		✓									E	Cues 60? Ch's'd parameters
65	F	2											S	
66	F	2											S	
67	F	2							✓				S	
68	F	2											S	
69	F	2							✓				U	So? (Even a Dog has crumbs from its Master's Table)
70	F	2											S	

SRI Peer Review

Q#	1. LOK (F/H)	2. LOD (1-5)	3. Psychometric Flaws					4. Job Content Flaws				5. U/E/S	6. Explanation	
			Stem Focus	Cues	T/F	Cred. Dist.	Partial	Job-Link	Minutia	#/units	Backward			
1	H	3				✓							E	<i>credible dist C (D)</i>
6	H	2											S	
11	H	4											S	
16	F	2											S	
21	F	2											S	
26	F	3											S	
31	H	3		✓									E	<i>no distractors of HCV-133?</i>
36	H	4											S	
41	F	3											S	
46	F	3				✓							E	<i>unclear wording B?</i>

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			Stem Focus	Cues	T/F	Cred. Dist.	Partial	Job-Link	Minutia	#/units	Backward			
51	F	3											S	
56	H	3											S	
61	H	2				-							E	difference of C & D (C = subset of D)
66	F	2											S	
71	H	4											S	
76	F	2											S	
81	F	2											S	
86	F	3											S	
91	F	3											S	
96	F	2											S	

Handwritten: F = 42 H = 58
N = 35
B = 49
M = 16 P = 10

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			Stem Focus	Cues	T/F	Cred. Dist.	Partial	Job-Link	Minutia	#/units	Backward				
1	F	2										E	minor edit to stem		N
2	H	2										S			N
3	H	3										S			B
4	F	2										S	F?		N
5	H	3										S			M
6	H	2										S			B
7	H	2	✓									E			B
8	H	2										S			B
9	H	2										S			B
10	F	3										S			B

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11	H	2										S		M
12	F	4										S		BP
13	H	3										S	Need stem Tbls	B
14	F	3			✓							S		N
15	H	2										S		B
16	F	2										E	stem	B
17	H	2										S		BP
18	H	2										E	see markup	M
19	H	3										S		M
20	F	2										S		B

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21	F	3										S	N
22	F	2										S	B
23	H	3										S	M
24	H	3										E	stem E
25	H	2										S	Ref Needed N
26	F	2										S	N
27	F	2										S	N
28	H	2										S	B
29	H	4										S	M
30	H	3										S	B P

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31	H	3										S		B
32	F	2										S		N
33	F	3										S		N
34	F	2										S		M
35	H	3										S		BP
36	H	2										S		M
37	H	2										S		M
38	H	3										S		N
39	F	2										E	cue to 32?	N
40	H	2										S		B

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41	H	2	✓									E	stem	N
42	F	2										S		BP
43	H	2										S		B
44	F	2										S		B
45	F	2										S		B
46	H	2										E stem		B
47	H	4										S		B BP
48	F	2										S		BP
49	H	2										S		BP
50	H	2										E	B credible? E	N
51	F	3										S		BP
52	H	3										S		B
53	H	2										E	B credible?	B
54	F	3										S		N
55	F	3										S		M
56	H	3										S		B
57	F	3										S		N
58	F	3										S		BP
59	H	2										S		M
60	F	3												B

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			Stem Focus	Cues	T/F	Cred. Dist.	Partial	Job-Link	Minutia	#/units	Back-ward				
61	H	3									✓		E	edit distractors	N
62	F	2											S		B
63	F	3											S		N
64	F	3											S		B
65	H	2											S		B
66	F	3											S		M
67	F	3											S	Check against #20	N
68	H	3											S		B
69	H	2		/									E	stem cues ANS	B
70	H	3											S		N
71	F	3											S		B
72	F	2		/									E	Does stem cue ANS?	B
73	H	3											S		M
74	H	3											S		B
75	H	2											S		B
76	H	3											S		B
77	F	2											S		B
78	H	2											S		N
79	H	2											S		B
80	H	2											S		N

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			Stem Focus	Cues	T/F	Cred. Dist.	Partial	Job-Link	Minutia	#/units	Backward			
81	A	2										S		BM
82	H	3										S		N
83	F	2										S		N
84	H	3										S		M
85	F	3										S		B
86	F	2										S		N
87	H	2										S		PM
88	F	2										S		N
89	F	3										S		B.
90	H	2				/						E	A, B, D Credible?	N
91	H	2				✓						U	No OT N-16 at DC	N
92	F	3										E	stem	N
93	H	3										S	2 Reward-confusing gap	N
94	F	3										S		B
95	H	2										S		N
96	F	2										E	Procedure Designations different	N
97	H	2	✓									E	GR. Shutoff Hld for DC RHP pgs	N
98	H	2										S		N
99	H	2										S		B
100	F	3										S		N