

Q#	1. LOK (F/H)	2. LOD (1-5)	3. Psychometric Flaws					4. Job Content Flaws				5. Other		6. B/M/N	7. U/E/S	8. Explanation	
			Stem Focus	Cues	T/F	Cred. Dist.	Partial	Job-Link	Minutia	#/units	Back-ward	Q=K/A	SRO Only				
1	H	3											Y		B	S	
2	H	3.5											Y		B	S	
3	F	2.7											Y		N	S	
4	F	3											Y		N	S	
5	H	2.7											Y		B	S	
6	H	3.3											Y		N	S	
7	F	3.0											Y		B	S	
8	H	3.5											Y		N	S	

Instructions

[Refer to Section D of ES-401 and Appendix B for additional information regarding each of the following concepts.]

1. Enter the level of knowledge (LOK) of each question as either (F)undamental or (H)igher cognitive level.
2. Enter the level of difficulty (LOD) of each question using a 1 – 5 (easy – difficult) rating scale (questions in the 2 – 4 range are acceptable).
3. 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.
  - The distractors are not credible; single implausible distractors should be repaired, more than one is unacceptable.
  - One or more distractors is (are) partially correct (e.g., if the applicant can make unstated assumptions that are not contradicted by stem).
4. Check the appropriate box if a job content error is identified:
  - 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).
  - The question requires the recall of knowledge that is too specific for the closed reference test mode (i.e., it is not required to be known from memory).
  - The question contains data with an unrealistic level of accuracy or inconsistent units (e.g., panel meter in percent with question in gallons).
  - The question requires reverse logic or application compared to the job requirements.
5. Check questions that are sampled for conformance with the approved K/A and those that are designated SRO-only (K/A and license level mismatches are unacceptable).
6. Enter question source: (B)ank, (M)odified, or (N)ew. Check that (M)odified questions meet criteria of ES-401 Section D.2.f.
7. Based on the reviewer's judgment, is the question as written (U)nsatisfactory (requiring repair or replacement), in need of (E)ditorial enhancement, or (S)atisfactory?
8. At a minimum, explain any "U" ratings (e.g., how the Appendix B psychometric attributes are not being met).

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9	F	3											Y		N	S	
10	F	3.5											Y		B	S	
11	F	3											Y		N	S	
12	F	4											Y		B	S	
13	H	3.3											Y		B	S	
14	H	4											Y		B	S	
15	H	2.5											Y		N	S	
16	F	3.5											Y		N	S	
17	F	3.3											Y		B	S	
18	H	3.3											Y		B	S	
19	H	3.0											Y		N	S	
20	F	3.0											Y		B	S	
21	F	2.8											Y		B	S	
22	F	2.8											Y		B	S	
23	H	2.8											Y		B	S	
24	F	3.5											Y		N	S	
25	H	3.5											Y		B	S	
26	F	2.8											Y		B	S	
27	F	2.8											Y		N	S	
28	F	2.7											Y		N	S	
29	F	3.0											Y		N	S	
30	H	1											Y		B	S	

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			Stem Focus	Cues	T/F	Cred. Dist.	Partial	Job-Link	Minutia	#/units	Backward	Q=K/A	SRO Only			
31	H	3.7										Y		B	S	
32	F	3.3										Y		N	S	
33	H	3.0										Y		B	S	
34	H	3.8										Y		M	S	
35	F	4.0										Y		B	S	
36	F	2.5				X						Y		B	E	Choice B: "inserted ..." not plausible. Revised distractor.
37	H	3.3										Y		B	S	
38	F	1.0										Y		B	U	LOD=1. Selected new KA and wrote new Q.
39	F	3.0										Y		B	S	
40	H	3.0										Y		B	S	
41	F	3.0										Y		B	S	
42	H	4.0										Y		B	S	
43	F	3.5										Y		B	S	
44	H	3.0										Y		N	S	
45	F	2.5										Y		B	S	
46	H	3.3										Y		N	S	
47	H	3.3										Y		N	S	
48	F	3.0										Y		M	S	
49	F	3.3										Y		B	S	
50	H	2.8										Y		B	S	
51	H	2.9										Y		B	S	
52	H	3.5										Y		B	S	
53	F	3.5										Y		B	S	
54	H	3.0										Y		B	S	

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			Stem Focus	Cues	T/F	Cred. Dist.	Partial	Job-Link	Minutia	#/units	Backward	Q=K/A	SRO Only			
55	H	2.8										Y		B	S	
56	F	3.0										Y		B	S	
57	H	3.0										Y		B	S	
58	F	3.0										Y		B	S	
59	H	4.0										Y		B	S	
60	H	3.3										Y		B	S	
61	H	3.3										Y		B	S	
62	H	2.3										Y		B	S	
63	H	3.0										Y		B	S	
64	H	3.0										Y		B	S	
65	F	3.0				X						Y		B	U	Choices B & C " ... cannot be overridden ..." implausible. Revised answer choices & format.
66	H	3.0										Y		B	S	
67	H	3.3										Y		B	S	
68	F	3.0										Y		B	S	
69	F	3.7										Y		B	S	
70	H	3.0										Y		B	S	
71	F	3.5										Y		B	S	
72	H	3.0										Y		B	S	
73	F	3.0										Y		N	S	
74	F	3.0										Y		N	S	
75	F	3.8										B		N	S	
76	H	3.0										Y	Y	B	S	
77	F	2.7										Y	Y	B	S	

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78	H	3.0										Y	Y	B	S	
79	H	3.0										Y	Y	N	S	
80	F	3.3				X						Y	N	N	U	Not SRO-only: RO knowledge that Rx trip is reportable, which also makes choices B & C implausible. Revised choices B & C.
81	H	3.0										Y	Y	B	S	
82	H	3.0										Y	Y	B	S	
83	H	3.3										Y	Y	B	S	
84	H	1.0	X	X								Y	Y	B	U	LOD=1. DWT-P curve provides cues and is needless info. Revised Q stem.
85	H	2.0										Y	Y	B	S	
86	H	3.0										Y	Y	B	S	
87	H	3.0										Y	Y	N	S	
88	F	4.0										Y	Y	N	S	
89	F	3.5										Y	Y	B	S	
90	H	2.3										Y	Y	B	S	
91	H	4.0										Y	Y	N	S	
92	F	4.0										Y	Y	N	S	
93	H	2.7										Y	Y	B	S	
94	F	2.3										Y	Y	B	S	
95	H	2.7										Y	Y	N	S	
96	H	3.7										Y	Y	B	S	
97	F	2.5										Y	Y	B	S	
98	F	3.0										Y	Y	N	S	
99	F	4.0										Y	Y	N	S	
100	H	4.0										Y	Y	B	S	