

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	2										Y	N	M	S	Enhanced distractors
2	H	3										Y	N	B	S	
3	M	2										Y	N	N	S	Editorial
4	H	3										Y	N	M	S	
5	M	3										Y	N	N	S	
6	H	3										Y	N	M	S	
7	M	2										Y	N	N	S	
8	M	3										Y	N	N	S	

Instructions

[Refer to Section D of ES-401 and 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.
- 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).
- 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).
- 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.
- 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).
- Enter question source: (B)ank, (M)odified, or (N)ew. Check that (M)odified questions meet criteria of ES-401 Section D.2.f.
- 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?
- At a minimum, explain any “U” ratings (e.g., how the Appendix B psychometric attributes are not being met).

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9	H	3											Y	N	N	S	
10	F	3											N	N	N	U	K/A MM, rewrote stem, changed distracters
11	H	2											Y	N	N	S	Editorial
12	F	3											Y	N	B	S	
13	H	3	X										Y	N	N	U	Reworded stem
14	F	3											Y	N	N	S	
15	F	2											Y	N	N	S	
16	F	2											Y	N	B	S	
17	H	3											Y	N	B	S	
18	H	2											Y	N	N	S	
19	H	3											Y	N	N	S	
20	H	3											Y	N	B	S	
21	H	2				X							Y	N	N	U	Three implausible distracters, rewrote stem, changed distracter D
22	H	3											Y	N	N	S	Modified stem
23	F	3											Y	N	B	S	
24	H	3											Y	N	B	S	Editorial
25	H	3											Y	N	N	S	
26	H	2											Y	N	B	S	Editorial
27	F	5											Y	N	M	U	High LOD, rewrote stem
28	H	4											Y	N	N	S	Editorial

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			Stem Focus	Cues	T/F	Cred. Dist.	Partial	Job-Link	Minutia	#/units	Backward	Q=K/A	SRO Only			
29	F	3										Y	N	B	S	
30	H	3										Y	N	B	S	
31	H	3										Y	N	N	S	
32	H	2										N	N	N	U	K/A MM, resampled, wrote new Q
33	H	2										Y	N	B	S	Graph reading, matches K/A
34	H	3										Y	N	M	S	
35	H	2										Y	N	N	S	
36	H	3										Y	N	B	S	
37	F	3										N	N	N	U	K/A MM, sampled new K/A, wrote new Q
38	H	3										Y	N	N	U	Editorial, no correct answer; wrote new Q
39	H	2										Y	N	N	S	
40	H	4										Y	N	N	S	
41	H	3										Y	N	B	E	Enhanced stem
42	H	3										Y	N	B	S	
43	H											Y	N	B	S	
44	H	3										Y	N	B	S	
45	H	2										Y	N	B	S	
46	F	2										Y	N	B	E	Editorial,
47	F	2										Y	N	B	S	
48	H	3										Y	N	B	S	

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49	H	3										Y	N	B	S	
50	H	2										Y	N	B	S	
51	F	2										Y	N	M	E	Editorial
52	F	3										Y	N	B	S	
53	H	3										Y	N	B	S	
54	F	3										Y	N	N	S	
55	F	3										Y	N	B	E	Editorial
56	F	2										Y	N	N	S	
57	F	3										Y	N	B	E	One implausible distracter, wrote new distracter
58	F	2										Y	N	B	E	Editorial
59	H	3										Y	N	M	S	
60	F	3										Y	N	B	S	
61	F	3										Y	N	B	S	
62	H	2				X						Y	N	B	U	Two implausible distracters, rewrote distracters
63	H	3										Y	N	N	E	Stem modifications to increase plausibility
64	H	3										Y	N	B	S	
65	H	4										Y	N	B	E	One implausible distracter, wrote new distracter
66	F	2										Y	N	N	S	Editorial
67	F	3										Y	N	N	S	Editorial
68	F	3										Y	N	B	S	

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69	H	1										Y	N	N	U	Low LOD, replaced with new Q
70	H	3										Y	N	B	S	
71	F	2										Y	N	B	E	Editorial
72	F	3										Y	N	B	S	
73	H	2										Y	N	B	S	
74	F	3										Y	N	N	S	
75	F	2										Y	N	N	E	Overlap w/ op test, replaced q
76	H	3										Y	Y	B	S	
77	H	3										Y	Y	N	S	
78	H	2										Y	Y	N	E	One implausible distracter, editorial; rewrote Q
79	F	3										Y	Y	N	S	
80	F	2										Y	Y	N	S	
81	H	3										Y	Y	B	S	
82	H	2										Y	Y	B	U	NO CORRECT ANSWER OR TWO CORRECT ANSWERS, REWROTE DISTRACTERS
83	H	4										Y	Y	N	S	
84	H	2										Y	Y	N	S	
85	H	3										Y	Y	N	S	
86	H	3										Y	Y	M	S	
87	H	2										Y	Y	B	S	Editorial
88	H	2										Y	Y	B	S	

