

Q#	1. LOK (F/H)	2. LOD (1-5)	3. Psychometric Flaws					4. Job Content Flaws				5. Other		6. U/E/S	7. Explanation
			Stem Focus	Cues	T/F	Cred. Dist.	Partial	Job-Link	Minutia	#/units	Backward	Q=K/A	SRO Only		
1	H	2											✓		
2	H	2											✓		
3	H	2											✗		GOOD, KA MM
4	H	2											✓		
5	F	2											✓		
6	F	2											✓		
7	H	2											✓	✗	NOT SAID - FIXED
8	F	2											✓		
9	F	2											✓		
10	F	2											✓		

Instructions

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11	F	2											<input checked="" type="checkbox"/>		
12	F	2											<input checked="" type="checkbox"/>		
13	F	2											<input checked="" type="checkbox"/>		
14	H	2											<input checked="" type="checkbox"/>		
15	H	2											<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
16	H	2											<input checked="" type="checkbox"/>	E	<del>Answer numbers in</del> TYPED
17	H	2											<input checked="" type="checkbox"/>		BL
18	H	2											<input checked="" type="checkbox"/>		
19	F	2											<input checked="" type="checkbox"/>		
20	H	2											<input checked="" type="checkbox"/>		

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21	F	2											✓			<del>K/A also needed for response</del>
22	F	2											✓	✓		
23	H	2											✓			
24	F	2											✓			
25	H	2											✓	✓		K/A, not source <sup>INTERPRETIVE</sup> <sub>LEGAL SOURCE</sub>
26	F	2											✓			
27	F	2											✓			
28	H	2											✓			
29	H	2											✓	✓	E	REWORD
30	F	2											X	✓	E	WHERE IS THE INTERPRET (REWORD)

Instructions

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41	H	2											✓		
42	H	2											✓		
→ 43	H	2											X	✓	CHANGES W/A, PERIOD ECC, NOT PRESENT, ALTERNATIVE
44	H	2											✓		
45	F	2											✓		
46	F	2											✓		
47	H	2											✓		
48	H	2											✓		
→ 49	F	2											X		"WHO" IS NOT ALTERNATIVE CHANGE W/A
50	H	2											✓		

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51	H	2											✓			no relation between K/A & Q K/A is assessed by safety panel
52	H	2											✓			
53	H	2											✓			
54	H	2											✓	✓		
55	H	2											✓			
56	H	2											✓			
57	H	2											✓			
58	H	2											✓			
59	H	2											✓			
60	H	2											✓			

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61	H	2											✓		
62	H	2											✓		
63	FL	2											✓		
64	H	2											✓		
65	H	2											✓		
66	F	2											✓		
67	F	2											✓		
68	F	2											✓		
69	H	2											✓		
70	H	2											✓		

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71	H	2														
72	H	2														
73	H	2														
74	H	2														
X 75	H	2														ONE CONT DOWNGR TEMP AFFECTS PARAMETERS CONT TEMP U) CONT COOL

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76	F	2											✓		S	Typo in stem (2nd line)
77	F	2											✓		S	
78	H	3											✓		S	
79	F	2											✓		S	
80	H	3											✓		S	
81	F	2											✓		S	
82	H	3											✓		S	
83	F	3											✓		S	
→ 84	F	2											✓		U	flexible fixed
85	H	3											✓		S	

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86	H	3											/	✓	S	K
87	F	2											/	✓	S	K
88	F	2											/		S	
89	H	3											✓			BACKWARD, FROM K/A
90	F	2											/		S	
91	H	3											/		S	
92	F	2											/		S	
93	F	3											/	✓	S	K
94	H	4											/		S	
95	F	3											/		S	

A

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96	F	2											✓		S	
97	H	3											✓		S	
→ 98	F	1													U	obvious fixed procedure w/answer
99	F	2											✓		S	
100	F	2											✓	✓	S	IS
101	F	3											✓		S	
102	F	2											✓		S	
103	F	3											✓		S	
104	H	3											✓		S	
105	F	3											✓		S	

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106	F	2											✓		S	
107	F	2											✓	✓	S	K
108	H	3											✓		S	
109	F	3											X		U	NOT WHO, HOW, FEED
110	H	3											✓	✓	S	K
111	H	3											✓		S	
112	H	3											✓	✓	S	K
113	H	2											✓		S	
114	H	2											✓	✓	S	K
115	H	3											✓	✓	S	K

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  - 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).
- Based on the reviewer's judgment, is the question as written (U)nacceptable (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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Q#	1. LOK (F/H)	2. LOD (1-5)	3. Psychometric Flaws					4. Job Content Flaws				5. Other		6. U/E/S	7. Explanation	
			Stem Focus	Cues	T/F	Cred. Dist.	Partial	Job-Link	Minutia	#/units	Backward	Q=K/A	SRO Only			
116	H	3											/		S	
117	F	3											/	✓	S	K
118	F	2											/		S	
119	F	2											/	✓	S	K
120	H	4											/		S	
121	F	2											/		S	
122	H	3											/	✓	S	K
123	F	3											/		S	
124	F	2											/	✓	S	K
125	F	2											/		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.
  - 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).
- 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).
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Q#	1. LOK (F/H)	2. LOD (1-5)	3. Psychometric Flaws					4. Job Content Flaws				5. Other		6. U/E/S	7. Explanation	
			Stem Focus	Cues	T/F	Cred. Dist.	Partial	Job-Link	Minutia	#/units	Backward	Q=K/A	SRO Only			
126	F	2											/		S	
127	F	2											/		S	
128	F	2											/	✓	S	
129	F	2											/		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.
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