

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	F	2												N	S	
2	F	2				X								N	U	A and B implausible; Replaced those distractors.
3	H	2												N	S	
4	F	3												B	S	
5	H	3												N	S	
6	H	2												N	S	
7	H	2												M	S	
8	H	3												M	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												B	S	
10	H	3												B	S	
11	H	2												M	S	
12	H	3												B	S	
13	H	3												N	S	
14	H	2												M	S	
15	F	1												B	U	LOD=1; replaced Q
16	F	3												B	S	
17	F	3												B	S	
18	H	3												N	S	
19	H	2												N	S	
20	H	2												N	S	
21	H	3												N	S	
22	F	2												N	S	
23	H	3												B	S	
24	F	3												N	S	
25	H	1				X								M	U	LOD=1: any answer w/C CS pump not plausible ; redid answer choices
26	F	3												B	S	
27	H	3												N	S	
28	H	3												N	S	
29	F	3												N	S	

[illegible]

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			Stem Focus	Cues	T/F	Cred. Dist.	Partial	Job- Link	Minutia	#/ units	Back- ward	Q= K/A	SRO Only			
54	F	3												M	S	
55	F	3												B	S	
56	F	3		X										N	E	Q56 helps to answer Q81. Re-wrote Q56 for a different surveillance to eliminate help for Q81.
57	H	3					X							M	E	B possible 2 nd correct answer. Re-wrote choice B to make it more incorrect.
58	H	3												M	S	
59	H	3												N	S	
60	H	3												M	S	
61	F	2												N	S	
62	H	3												N	S	
63	F	3												B	S	
64	F	2												N	S	
65	F	3												B	S	
66	F	3												N	S	
67	F	2												B	S	
68	H	3												M	S	
69	H	3												M	S	
70	H	2												M	S	
71	F	3												B	S	
72	F	2												B	S	
73	F	3		X										N	U	Overlaps with Q88. Replaced Q73
74	F	3												B	E	Replaced Q to add margin for repeat Qs fm last NRC exam
75	F	3												M	S	
76	H	2											S	M	S	

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77	H	3											S	N	S	
78	H	4											S	B	S	
79	H	3											S	B	S	
80	H	3											S	B	S	
81	H	2		X									S	B	E	Helps answer Q56. Kept Q81, and changed Q56.
82	H	2											S	N	S	
83	H	3											S	M	S	
84	H	3											S	N	S	
85	H	3											S	M	S	
86	H	2											S	N	E	Added explanation why sro only.
87	H	2											S	B	E	Added explanation why sro only.
88	H	3											S	M	E	Added explanation why sro only.
89	H	3											S	N	S	
90	H	3											S	N	S	
91	H	3											S	N	S	
92	H	2											S	M	S	
93	F	3											S	B	S	
94	F	2											S	M	S	
95	F	3											S	M	S	
96	F	3											S	B	S	
97	H	3											S	M	S	
98	F	3											S	B	S	
99	F	2											S	B	S	
100	F	3											S	B	E	Replaced Q to add margin for repeat Qs fm last NRC exam