

**NRC COMMENTS TO THE
WRITTEN EXAMINATION, ES-401-9
FOR THE MONTICELLO RETAKE EXAM - OCTOBER 2007**

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	Back-ward	Q=K/A	SRO Only			
1	F	3											X	X	S	new Reasons show correct answer is incorrect. <i>Typo corrected.</i>
2	H	3											X	X	S	new Importance factor incorrect, should be 3.9 vs. 3.7. <i>Typo corrected</i>
3	H	3											X	X	E	new Add to the stem (or why not) <i>Added phrase.</i>
4	F	2											X	X	S	new
5	H	3											X	X	S	new
6	H	2											X	X	S	modified
7	H	2											X	X	S	new
8	H	3											X	X	S	new
9	H	2											X	X	S	new
10	H	3											X	X	U	new System knowledge. Answer should be known by ROs. <i>Q replaced.</i>

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).
 - 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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11	H	4				X							X	U S	new Verify you can change modes with these conditions. Ask if possible to change format to condition followed by procedure step. (both parts of A2 K/A) Modes can be changed with these conditions. Did not provide procedure step - this gives away the answer. Changed to satisfactory. Must use attached matrix to arrive at correct answer.
12	F	2										X	X	S	new
13	H	4				X						X	X	S	new Is SRV considered inoperable? Why is "B" distractor incorrect? Wouldn't one train of LPCI inop make B distractor incorrect? Why are 2 trains of LPCI considered inoperable in this question? The amber light signifies the SRV being open if on. Having torus cooling in service makes both LPCI injection flow paths inoperable which would make distracter B incorrect.
14	H	3											X	S	new Ask if possible to change format to condition followed by procedure to implement. (both parts of A2 K/A) Left question as-is. Providing additional info would give away the answer.
15	H	2										X	X	S	new
16	H	3										X	X	S	new Distractor (d.) enters T.S. 3.1.3. Did you mean 3.0.3? No; 3.1.3 was correct.
17	H	3										X	X	S	new Explain why distractor (d.) is plausible. Distracter D forces the candidate to evaluate the pressure leg of C.5-2007.
18	H	2										X	X	S	bank
19	H	3										X	X	S	bank
20	H	3										X	X	E	new Explain why distractor (d.) is plausible. Added the word 'in' between not and service. Correcting typo makes distracter plausible.
21	H	3										X	X	S	new
22	F	2										X	X	S	new
23	H	3										X	X	S	new
24	F	3										X	X	S	new
25	H	3										X	X	S	new