

WATERFORD - JULY 2002

ES-401

Written Examination
Review Worksheet

Form ES-401-9 (R8, S1)

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	H	3												S	†
2	H	3												S	†
3	H	4												S	
4	H	4												S	
5	H	4												S	
6	F	2												S	
7	H	3												S	
8	F	2												S	
9	H	4												S	
10	H	4												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).
 - 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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			Stem Focus	Cues	T/F	Cred. Dist.	Partial	Job-Link	Minutia	#/units	Backward	Q=K/A	SRO Only		
84	F	3												S	
85	H	3												S	†
86	F	3												S	†
87	F	2												S	†
88	F	2												E	Reference provided does not justify answer
89	H	3		✓										S	Only valid if TS 3.0.3 is not provided
90	F	2												S	
91	F	3												S	
92	F	2				✓								U	Distractors C and D are invalid because plant is already in hot standby
93	F	2												S	
94	F	3												E	KA changed from 2.3.1 to 2.3.10. Justify and document.
95	F	3	✓											E	Specify entry made by HP technician or personnel accompanied by HP technician
96	H	3												S	
97	H	3												S	
98	F	2												S	†
99	F	3												S	†
100	F	3												S	†

†Part of 30 question sample

NOTES:

1. Reviewer rated average question difficulty at 2.94 with level of knowledge at the fundamental level for 40 questions.
2. Because author provided very few solutions, some answers were accepted on faith. Reviewer did not solve every problem.