

South Texas Project–SRO Written Exam

ES-401

Written Examination
Review Worksheet

Form ES-401-9

Q#	1. LOK (F/H)	2. LOD (1-5)	3. Psychometric Flaws					4. Job Content Flaws				5. U/E/S	6. Explanation
			Stem Focus	Cues	T/F	Cred. Dist.	Partial	Job-Link	Minutia	#/units	Backward		
1	H	3										S	HB
2	F	3										S	HB
3	H	3										S	HB
4	F	3										S	HB
5	F	2										S	HB
6	H	2				✓						E	Consider modifying the stem to make Choice C credible. HB <i>(changed Choice C to be more credible)</i>
7	H	3										S	HB
8	H	3										S	HB
9	H	3										S	HB

Instructions

[Refer to 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.
- 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?
- For any "U" ratings, at a minimum, explain 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		
10	H	3										S	HB
11	F	3										S	HB
12	H	4		✓								E	Choice C stands out because logic for the answer is given. Eliminate the reason. HB <i>(Eliminated the reason)</i>
13	H	4										S	HB
14	H	3										S	HB
15	H	2										S	HB
16	H	3										S	HB. Correct typo "generator". Why inside containment? Location of FW flow sensor? <i>(inside containment because on an SI signal, the FWIVs (located inside containment) close, so the only way that SG pressure would continue to decrease would be a leak inside containment)</i>
17	F	3										S	<i>(changed the wording of Choice C and D, please review)</i>
18	H	3	X									S	Modified stem wording. Modified distractors A & D.
19	H	3										S	
20	F	2										S	Editorial fix made in the stem.
21	H	3										S	Minor editorial change in the stem.
22	F	2										S	
23	F	2										S	
24	F	2										S	
25	H	3										S	