

A test bank of LINKS multiple-choice questions supports LINKS instructors in their LINKS events.

- This test bank includes 200+ multiple-choice questions covering all LINKS simulations variants. Each multiple-choice question includes the best answer as well as a brief explanation for that answer.
- The questions are organized by topical categories and LINKS simulation variant.
- The LINKS simulations test bank is included in the Instructor Resources section of the LINKS website.

These LINKS simulations test questions are provided to LINKS instructors in Word doc format to facilitate use throughout LINKS events. LINKS instructors may freely use these questions for testing or for in-class discussion purposes by appropriate cutting-and-pasting from this Word doc file.

These multiple-choice questions are categorized by LINKS simulation variant. Instructors should select multiple-choice questions for only the LINKS simulations variant being used. “All” variants questions are appropriate for use with any LINKS simulation.

These multiple-choice questions might be used for in-class discussion purposes, for testing/assessment usage, and for an instructor’s personal review and refreshment before a LINKS event.

In-Class Usage

When used for in-class discussion, selected questions might be drawn from this test bank and interspersed within the in-class activities ... as discussion points, “ice-breakers,” or just-in-time LINKS “moments.” For each selected question in in-class usage format, use two “slides”:

- First, show the question and solicit answers (with rationale) from the class.
- Second, show the complete question with the answer and explanation, and then entertain some class discussion.

Testing/Assessment Usage

When used for testing and assessment purposes, this test bank provides the basis for an element of individual student grading within LINKS events. Most traditional LINKS assessment elements (within-simulation performance, written reports, and final presentations) are team-based, not individual-based. There’s a need for some measure

of individual-student grading within LINKS events, and this test bank of closed-ended questions (with answers provided) is one practical means for such individual student grading. Here are some within-event usage testing possibilities and timings:

1. As a pre-event, post-manual reading test of students' initial reading and understanding of the LINKS manual.
2. As a mid-event test of students' current level of understanding of LINKS.
3. As part of a final examination, to provide structured test questions about LINKS.

Instructor Personal LINKS Review Usage

Several LINKS instructors have noted an additional use for these test questions ... as an instructor review tool prior to beginning a new LINKS event or as an instructor review tool before a particular class session where LINKS will be referenced in some detail. This style of usage for the instructor may be especially useful when some time has passed since the instructor's last LINKS usage event.

Organization

These questions are organized by appropriate LINKS-related topics and are coded for the LINKS variants for which they are relevant. It is hoped that this organization will permit instructors to conveniently identify questions of interest for these own usage purposes.

Using These Questions In Examinations

Most of these multiple-choice questions are sufficiently interesting that they could be cast in the form of short-answer discussion questions. Students could be asked to choose the best answer and to briefly justify the choice of that answer.

When used on examinations, I have found it desirable to preface these multiple-choice questions with the phrasing: "For the following multiple-choice questions, choose the best answer from among those available." This helps to reduce the normal student complaining when examination results are returned. With this phrasing, dissatisfied students have to argue that their answer is demonstrably better than all available answers. They cannot just attempt to make the case that all of the available answers are poor or inappropriate.