

Test Instructions

In this test, you will be shown a series of diagrams such as the one currently displayed on screen. These diagrams show a number of photos (represented as small circles) connected by photo taglines (the coloured lines). Each diagram will have five multiple-choice questions. Once these questions have been answered, the diagram will be modified (e.g. photos are added and/or removed, or the photo tag lines are changed) and redrawn to accommodate the changes. The modification and redrawing will be shown as an animation in the application window.

Once a map has been redrawn, there will be one extra question. After answering this question, you will be given a chance to rest before proceeding onto the next map.

You are free to leave at any point during the test if you feel uncomfortable.

I will now demonstrate an example task.

[Show example task on computer]

The map will be displayed for five seconds before the initial question appears.

In this example, you can see a number of photos connected with coloured tag lines. Each question involves various photo-finding or tag-identification tasks. I will now answer the initial five questions:

1) Question one is a node-finding task. We must locate the node with the label “Lego Minifig” and count how many tags are associated with it. Here we see that “Lego Minifig” contains two tags, so we press “2”.

2) The second question asks us to determine the number of tag changes between the two highlighted nodes. We can see that in order to travel between them we do not need to change tag line at all, as both lie on the green tag. Therefore the answer is “0”.

3) Question three is a node-finding task similar to question one. We locate “Death Star” and see that it has two tags.

4) Question four asks us how many photos contain the orange tag and not the red tag. Summing the nodes that match these criteria we see there are four photos.

5) The final question before animation asks which of the highlighted photos contain exactly two tags. Examining each highlighted photo in turn we can see that the photo “LOTR Fellowship” is the answer as it contains red and orange tags.

After the initial five questions, the map undergoes a modification and redraws. In this example, you can see a new tag line has been introduced, along with a number of photos. There is one final question on each map after animation:

6) Question six after the animation asks which of the following tags contains the most photos. Counting the nodes of each possible line we find that the red line has the most photos.

Answering this will allow you to proceed onto the next task.

After this instruction sheet, you will need to enter your username (your Kent login), age, gender, and course, and then click ‘Start’.

Although we ask for your login so that we can collate the data, the results of this test and questionnaire will be made anonymous.

After clicking ‘Start’, you will be presented with a blank screen, and another button in the lower-right labelled ‘Begin Test’. Pressing this button will display the first map and question.

After the test, you will need to complete a short questionnaire. This will be given to you once the test has ended.

Before starting the test, are there any questions?

Now enter your details and press ‘Start’, then the ‘Begin Test’ button to begin the test.

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