Selman’s theory of perspective taking - exam practice

**Read the item and answer questions below**

In a study of perspective-taking, a psychology student used a group of 9-year-old children. Each child was shown two pictures.

•        Picture 1 showed an older child being unkind to a little boy.

•        Picture 2 showed an older child being kind to a little boy.

The student asked the children to judge how sad the little boy would feel in each picture on a scale of 1–10.

The student decided to test for a significant difference between the judgements of the two pictures. He proposed using an unrelated t-test to analyse the data.

(a)  Suggest a more appropriate statistical test of difference for the student to use with this data. Explain **two** reasons for your choice based on the description of the study. **(5)**

B) The student who carried out the study selected the two pictures. He decided himself which picture showed unkind behaviours and which picture showed kind behaviours.

Explain how the study could be improved by selecting the pictures another way. **(2)**

C) Discuss Selman’s research on perspective-taking. Refer to the likely outcome of the student’s study in your answer. **8 MARKS**