Georgio has designed two new uniforms *X* and *Y* for the employees of an airline company. A random sample of 11 employees are each asked to assess each of the two uniforms for practicality and appearance, and to give a total score out of 100. The scores are given in the table.

Employee	A	В	C	D	E	F	G	H	I	J	K
Uniform X	82	74	42	59	60	73	94	98	62	36	50
Uniform Y	78	75	63	56	67	82	99	90	72	48	61

(a) Give a reason why a Wilcoxon signed-rank test may be more appropriate than a *t*-test for investigating whether there is any evidence of a preference for one of the uniforms. [1]

[7]

(b) Carry out a Wilcoxon matched-pairs signed-rank test at the 10% significance level.