Question Number	Scheme	Marks
2 (a)	$H_0 : \rho_s = 0$ $H_1 : \rho_s > 0$	B1
		(1)
(b)	$[r_s =]1-\frac{6\sum d^2}{5(24)} \geqslant 0.9$	M1 B1
	$\sum d^2 \leqslant 2$ So largest possible value is 2*	A1*
		(3)
(c)	e.g. $d = 0, 0, 0, 1, -1$	M1
	So e.g. $A\ B\ C\ E\ D$	A1
		(2)

	Notes	Total 6
(a)	**B1**	for both hypotheses correct in terms of ρ or ρ_s. Condone use of p
(b)	**M1**	for use of formula for r in an equation or an inequality (condone > rather than $\geqslant$)
	B1	for 0.9
	A1*	answer is given so at least one correct line of working is needed between the M mark and the given answer. Allow $\sum d^2 = 2$ if written as an equation throughout but do not allow $\sum d^2 \geqslant 2$ or $\sum d^2 > 2$ or $\sum d^2 < 2$
(c)	**M1**	for a correct possibility for d or $\lvert d \rvert$ May be implied by a correct possibility for rankings
	A1	for a correct possibility for rankings or eg 1, 2, 3, 5, 4