Question Number	Scheme	Marks
1 (a)	Rankings 2, 9, 7, 8, 6, 5, 1, 4, 3, 10	B1
	$\sum d^2 = 9+0+16+0+16+16+25+0+16+0[=98]$	M1
	$r_s = 1-\dfrac{6\times'98'}{10\left(10^2-1\right)} = 0.4060...$ awrt 0.406	M1 A1
		(4)
(b)	$H_0 : \rho = 0 \quad H_1 : \rho > 0$	B1
	Critical Value $r_s = 0.7455$ or CR: r_s …0.7455	B1
	Not in the critical region/not significant/Do not reject H_0	M1
	There is insufficient evidence of a **positive correlation** between the final **position** of a football team in the English Premier League and their average match day **attendance**.	A1ft
		(4)

	Notes	**Total 8**
(a)	**B1**	For all 8 correct missing rankings. If in the table and in the working space and different then award the highest scoring response.
	M1	For an attempt at $\sum d^2$ (at least 5 correct values seen, with an attempt to add) May be implied by 98
	M1	For using $1-\dfrac{6\sum d^2}{10(99)}$ with their $\sum d^2$ (you will need to check their $\sum d^2$ if no value shown)
	A1	awrt 0.406 Allow $\frac{67}{165}$ **NB** awrt 0.406 or $\frac{67}{165}$ scores 4/4
(b)	**B1**	For both hypotheses correct. Must be in terms of ρ or ρ_s (Condone *p)*. Must be attached to H_0 and H_1
	B1	For CV of 0.7455
	M1	A correct statement ft part (a) and their CV– no context needed but do not allow contradicting non contextual statements. This may be implied by a correct contextual conclusion on its own.
	A1ft	Correct conclusion in context. Must mention words in bold oe, ft their r in part (a) and their critical value.