

Question Number	Answer	Additional guidance	Mark
6(c)(i)	1. reference to placebo OR idea of being used as a control ; 2. to compare with stem cell treatment / eq ;	1. IGNORE placebo effect	(2)

Question Number	Answer	Additional guidance	Mark
6(c)(ii)	1. to remove bias / eq 2. idea of making it a double blind trial ;		(1)

Question Number	Answer	Mark
7(a)(i)	C short brown fibre	(1)

Question Number	Answer	Additional guidance	Mark									
7(a)(ii)	<div>1. conclusion {valid / eq} for 5mm coir fibres / eq ;</div> <div>2. (valid) because {ranges/ data} do not overlap (for 5mm fibres) eq ;</div> <div>3. not valid for 35mm coir fibres / eq ;</div> <div>4. (not valid) because {no significant difference / there is overlap of data / eq} (for 35mm fibres) ;</div> <div>5. (not valid) because 5mm white fibres are stronger than 35mm brown fibres / eq ;</div> <div>6. manipulation of data to support {overlap / no overlap / difference} ;</div>	<div>ACCEPT reference to short for 5mm and long for 35 mm fibres.</div> <div>6.</div> <table><tr><td></td><td>5mm white coir</td><td>35mm white coir</td></tr><tr><td>5mm brown coir</td><td>151 MPa</td><td>181 MPa</td></tr><tr><td>35mm brown coir</td><td>white fibres 6 MPa more</td><td>brown fibres 24 MPa more</td></tr></table>		5mm white coir	35mm white coir	5mm brown coir	151 MPa	181 MPa	35mm brown coir	white fibres 6 MPa more	brown fibres 24 MPa more	(4)
	5mm white coir	35mm white coir										
5mm brown coir	151 MPa	181 MPa										
35mm brown coir	white fibres 6 MPa more	brown fibres 24 MPa more										

Question Number	Answer	Additional guidance	Mark
7(b)(i)	1. they are light because of {lack of cytoplasm / hollow / no cell contents / eq} ; 2. strong due to presence of {lignin / thickened cell walls} ; 3. waterproof due to lignin ;		(3)

Question Number	Answer	Additional guidance	Mark
7(b)(ii)	less { lignin / lignified} / thinner cell walls ;	IGNORE no lignin	(1)