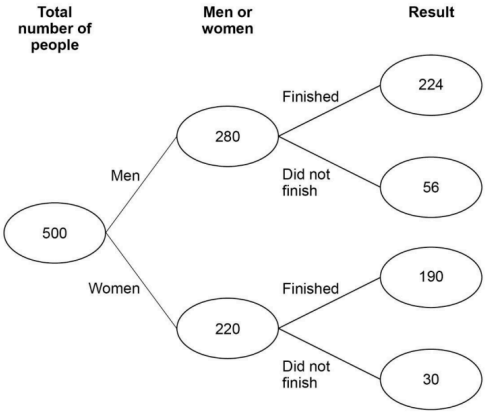
Q1. (2020)

Q	Answer	Mark	Comments
9	280 or 30 in correct position	B1	
	500 − 280 or 220	M1	
	0.8(0) × their 280 or 224 or 0.2(0) × their 280 or 56	M1	oe
	their 220 − their 30 or 190 or 280 − their 224 or 280 − their 56 or 0.8(0) × their 280 or 224 and 0.2(0) × their 280 or 56	M1	
	Fully correct frequency tree	A1	
	Additional Guidance		
	Allow relative frequencies with denominator of 500 for B1 or M marks		
	Mark the diagram first, values in diagram have priority over working		
	Correct values may be incorrectly placed for method marks		

Q	Additional Guidance continued
9 cont	

Q2. (2022)

Q	Answer	Mark	Comments
9(a)	8 in Time exercising Less than 1 hour	B1	
	23 in Exercise taken No	B1	
	58 in Total number of students	B1ft	ft 35 + their 23 or 27 + their 8 + their 23
	Additional Guidance		
	8 in Time exercising Less than 1 hour 47 in Exercise taken No 82 in Total number of students		B1 B0 B1ft
	7 in Time exercising Less than 1 hour 25 in Exercise taken No 59 in Total number of students		B0 B0 B1ft

Q3. (2024)

Q	Answer	Mark	Comments
10	1550 in Away	B1	
	1370 in Home Yes	B1	
	5480 in Home No	B1ft	ft 6850 – their 1370 their 1370 must be less than 6850
	949 in Away Yes	B1ft	ft 2319 – their 1370 their 1370 must be less than 2319
	601 in Away No	B1ft	ft their 1550 – their 949 their 1550 must be greater than their 949
	Additional Guidance		
	If Away oval is blank then condone an indication of 1550 as Away		
	If Home Yes oval is blank then condone an indication of 1370 as Home Yes		
	ft values must be from ovals		