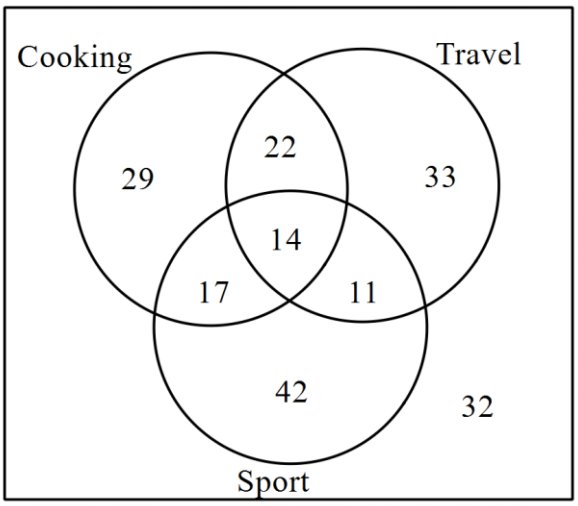
Question Number	Scheme	Marks
3 (a)		B1 B1 B1
		(3)
(b) (i)	$\frac{'14'}{200}$	B1ft (1)
(ii)	$\frac{'33'+'11'+'42'+'32'}{200}=\frac{118}{200}$ or $\frac{200-'29'-'22'-'14'-'17'}{200}=\frac{118}{200}$	M1 A1
		(2)
(c)	$\frac{'14'+'11'}{'14'+'11'+'22'+'33'}=\frac{25}{80}$	M1 A1
		(2)
	Notes	**Total 8**

(a)	**B3**	For a fully correct Venn diagram (B2 for at least 6 numbers in the correct place on the Venn diagram) (B1 for at least 3 numbers in the correct place on the Venn diagram) Treat blanks on the diagram as zero Condone correct probabilities instead of frequencies e.g. $^{22}/_{200}$ oe or 0.11 as 22	
(b) (i)	**B1ft**	For $\frac{'14'}{200}$ oe ft their Venn diagram	
(ii)	**M1**	$\frac{'33'+'11'+'42'+'32'}{200}$ or $\frac{200-'29'-'22'-'14'-'17'}{200}$ ft their Venn diagram. May be implied by $\frac{118}{200}$ oe	
	A1	For $\frac{118}{200}$ oe	
(c)	**M1**	$\frac{n}{'14'+'11'+'22'+'33'}$ provided the answer gives a probability and $0 < n < 80$ ft the Venn diagram for the denominator or $\frac{m}{'0.4'}$ where $0 < m < 0.4$ ft the Venn diagram for the denominator	$\frac{'n'}{80}$ provided $0 < n < 80$ ft the Venn diagram for numerator or $\frac{'m'}{0.4}$ where $0 < m < 0.4$ ft the Venn diagram for numerator
	A1	For $\frac{25}{80}$ oe Allow 0.313	