Q10 | CS200 $\{$ Alice, Ronan, Ted $\}$

CS201 $\{$ Alice, Bob, Darragh, Frank, Ted $\}$

EC204 $\{$ Bob, Eileen, Oliver, Susan $\}$

EE101 $\{$ Carol, Oliver, Susan $\}$

FR105 $\{$ Carol, Eileen, Ted $\}$

MG201 $\{$ Carol, Frank, Patsy, Una $\}$

Q11 i) $\{$ Alice, Bob, Darragh, Ronan, Frank, Ted $\}$

ii) $\{$ Carol $\}$

iii) $\{\}$

iv) $\{$ Ronan $\}$

v) $\{$ Bob, Darragh, Frank $\}$

Q12 i) $\{\{a,b\}, \{a,c\}, \{a,d\}, \{b,c\}, \{b,d\}, \{c,d\}, \{~\}$,

~~$\{a\}, \{b\}, \{c\}, \{d\}$~~ , $\{a,b,c\}, \{a,c,d\}, \emptyset$,

$\{a,b,d\}, \{b,c,d\}, \{a,b,c,d\}, \{a\}, \{b\}, \{c\}, \{d\}\}$

ii) $\{\{apple\}, \emptyset\}$

iii) $\{\emptyset\}$

iv) $\{\{Alice, Ronan\}, \{Alice, Ted\}, \{Ronan, Ted\}, \emptyset, \{Alice\}, \{Ronan\},$

$\{Ted\}, \{Alice, Ronan, Ted\}\}$