T3. Into Reticular Chemistry

7%							
3.1	3.2	3.3	3.4	3.5	3.6	3.7	∑
2	3	23	12	6	12	5	63

3.1 (2.0 pt)

COF-1: _____ C:_____%

3.2 (3.0 pt)

d = _____Å

3.3 (23.0 pt)

Tetragonal 1	Tetragonal 2	Hexagonal 1	Hexagonal 2	Trigonal	Kagome	Tetrahe-dral
		A2 + B3	**E1 + D2**		**C2 + D4**	

3.4 (12.0 pt)

COF-3	**COF-4**
COF-5	**COF-6**

3.5 (6.0 pt)

3.6 (12.0 pt)

$E, \mathrm{kJ\ mol^{-1}}$	AA	AA'	AB	AB'
		-67.1		

3.7 (5.0 pt)

q_e = _____ $\mathrm{mg\ g^{-1}}$ **COF-9 :** $\mathrm{UO_2^{2+}}$ = _____