Set theory

Book: Tao – Analysis I, 3rd edition

3/1	(T) 2.1-2.3	Peano axioms	No homework :)
5/1		Class cancelled	-
8/1	(T) 3.1	Basic axioms	2.2.1, 2.2.4, 2.2.6, 2.3.2, 2.3.4 3.1.1, 3.1.3, 3.1.7, 3.1.10
9/1	-	Discussion	-
10/1	(T) 3.3, 3.4	Relations and functions	3.4.1, 3.4.3, 3.4.4
12/1	(T) 3.3, 3.6, 8.1, 8.3	Cardinalities of sets, countability	3.3.2, 3.3.5, 3.6.7, 3.6.6 8.1.2, 8.1.6, 8.3.3
15/1	(T) 8.4, 8.5	Axiom of choice, Zorn's lemma	8.4.1, 8.5.3, 8.5.11, 8.5.18
16/1	-	Quiz 1	-
17/1	(T) 4.1 - 4.4	Integers, rationals and gaps in them	4.1.3, 4.1.8, 4.2.6, 4.4.2(a)