

Quantitative Finance and Investment – Core Exam
Spring/Fall 2017

- Problems and Solutions in Mathematical Finance Vol 1: Stochastic calculus” by Eric Chin, Dian Nel and Servri Olafsson (2014)

Chapter	Page	
1	1 to 3	Definitions 1.1 to 1.7 (Note that statement (b) of Definition 1.7 involves integration using a measure-theoretic approach. An equally valid statement can be made using a Riemann-Stieltjes integral for continuous distributions or a sum for discrete distributions.)
	4 to 5	Q3 to Q7
	18 to 19	Q7
	43 to 44	Q4, Q5
2	52 to 53	Definitions 2.1, 2.2, Theorems: 2.3 and 2.4, Definitions 2.5 and 2.6
	55 to 68	Q1 to Q13, except Q11
	68 to 71	Q1, Q2, Q3
	71 to 74	Q1 to Q5
	89 to 93	Q1 to Q4
3	96 to 98 100	Theorems 3.1, 3.2 and 3.3, Definition 3.6
	107 104 to 105	Q2 3
	110 to 118 119	Q8 to Q14
	123 to 149	Q1 to Q20
	155 to 158 159	Q1 to Q3
	175 to 178	Q10
4	186 to 187	Definitions 4.1(a) - (f)
	189	Theorem 4.6