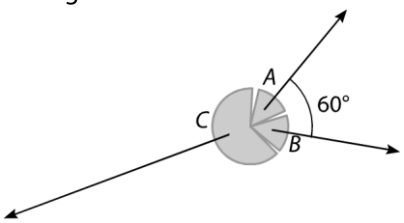
Pearson Longman

HKDSE Essentials: Physics Exam Exercises
Force and Motion, 2/e

Updated on 2014-12-01

Amendment (main book):

F1 p.14 ans #3a	F		
F1 p.24 ans #10b	*d*/24		
F5 p.82 #39	The figure should be:		



F2 p.28 ans #3	B		
F2 p.36 ans #2b	1.96 m s^{-2}		
F3 p.54 ans #9a	1.23 N		
F3 p.55 ans #1b	160 000 N, 30 000 N		
F4 p.68 ans #8b	9.17 m s^{-1}		
F5 p.84 ans #9b	1.3 N s (N22.6°E)		
F5 p.87 ans #7	A		
F7 p.102 #5a side note	contripetal	READS	centripetal

Amendment (solution guide):

F1 p.3 #4a	The fourth line should read $100 = \frac{v_1 t_1}{2} + v_1(11 - t_1)$
F1 p.7 #10b	The last line should read $\therefore \frac{1}{4}at^2 = 2s \Rightarrow s = \boxed{d/24}$
F3 p.20 #9a	T = 1.23 N So the answer should be 1.23 N.
F3 p.21 #1b	So the answer should be $L \approx$ 160 000 N.
F3 p.23 #9c fig.	The labels should be '3rd plate' and 'top 2 plates'.
F4 p.27 #8b	The answer should be 9.165 ≈ 9.17 m s^{-1}.