

INTERNATIONAL GCSE PHYSICS 4PH0/1P – SUMMER 2011

ecf - error carried forward
dop - dependent on previous
ora - or reverse argument
owtte - or words to that effect

Question number	Answer	Notes	Marks
1 (a) (i)	gravitational		1
(ii)	elastic		1
(iii)	kinetic		1
(b) (i)	bounces lower / less / smaller / shorter / not as high (each bounce)	ACCEPT: refs to diagram e.g. "loops / dotted lines less tall" ACCEPT: distance between bounces gets smaller	1
(ii)	(transferred away to) thermal energy	ACCEPT: heat / sound REJECT: other forms of energy e.g. light / chemical ACCEPT: refs to where the energy goes e.g. "to the air", "to the ground", "to the surroundings" IGNORE: friction	1

Total 5 Marks