Simple model of atomic nucleus – Answer sheets

Country code	Student code

Important: leave the Points fields empty for markers!

Task 1		Points
a)		
b)	$\rho_m =$	
	$\rho_c =$	
	$R =$	
Task 2		**Points**

Country code	Student code

Task 3		Points
a)		
b)		
Task 4		**Points**
a)		
b)	$E_{kin}(A=100)=$ $E_{kin}(A=150)=$ $E_{kin}(A=200)=$ $E_{kin}(A=250)=$ necessary condition for fission:	

Answer sheets – Theoretical problem 3 – Nuclear model

Country code	Student code

Task 5		Points
a)		
b)	$E_\gamma =$	
	$E_{\text{recoil}} =$	
	$E_{\text{detector}} =$	
Total:		