

# DP12: THE SUN AND STARS, 2005–2006

## Homework 1

Tuesday, January 31st  
(due Tuesday, February 14th)

### Question 1

With the aid of a diagram, briefly discuss the interior structure of the Sun, describing the various regions and explaining how energy is transported from the centre to the surface. [10]

### Question 2

Describe the main characteristics of sunspots, including an explanation of what they are and how they are formed. [10]

**TOTAL MARKS = [20]**