**Chapter 4 - Possible essay questions**

1. What are the similarities and differences of the outer and inner core?
2. Describe the event sequences of these three processes and tell how they interact with each other: convection currents, sea-floor spreading and subduction.
3. Name Alfred Wegener’s hypothesis about the continents. Give supporting evidence from each of the three categories discussed during class and in the book.
4. What is the process of sea-floor spreading? Produce clear evidence to support your answer.
5. Describe the convection current cycle as found inside the Earth’s asthenosphere.
6. Identify and describe the three types of plate boundaries and show how crust is affected at each boundary.