

Answer the following questions on pages 70-73!

- 1) Explain the process of nuclear fusion and give an example of it.
- 2) What causes the nuclei of hydrogen atoms to repel each other?
- 3) Contrast the radiative zone with the convective zone.
- 4) How is the solar magnetic field created?
- 5) Define the term "sunspot". How is it created?
- 6) What is the relationship between sunspots and Earth's temperature?
- 7) Identify the factor that tends to interrupt radio communication on Earth.
- 8) Define the term "solar flares" and what causes them.