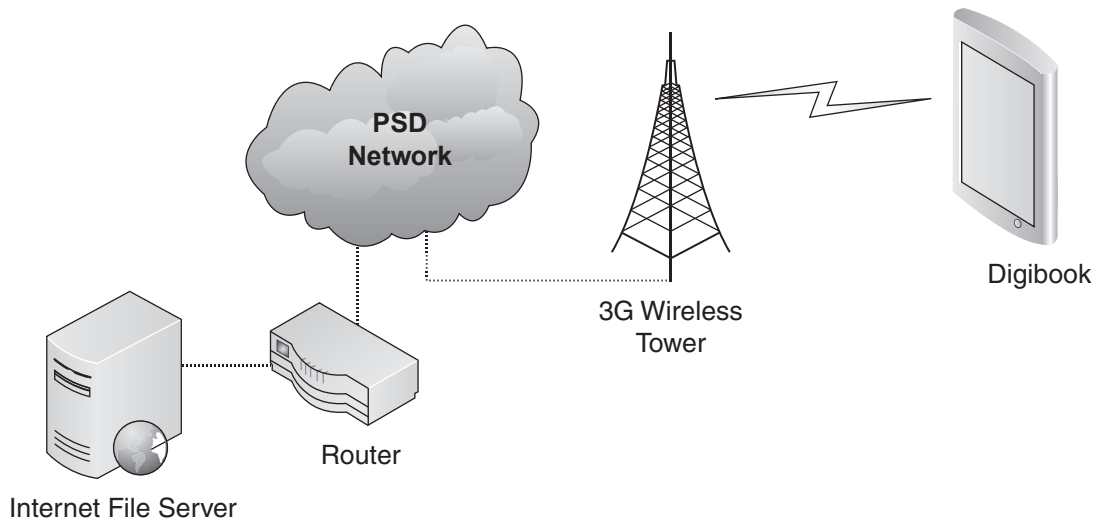**Question 24** (11 marks) Use the Question 24 writing booklet.

A hardware developer has been given the following specifications for a new device called the Digibook for displaying digital books and magazines. The device needs to be lightweight, with a wireless link to download digital books from the internet.

Digibook should allow storage of up to 2000 books and will display a single page on a 15 cm display panel. The Digibook will also have a built in keyboard and additional page navigation buttons.

(a) Digibook users will be able to purchase books online and download them for a fraction of the cost of purchasing paper-based books.   **3**

   Describe ONE social and ONE ethical issue that may arise from the downloading of digital books.

(b) Discuss issues of feasibility related to the success of the Digibook.   **3**

(c) The Digibook's WiFi 3G network link allows users to connect to the internet. Using an inbuilt web browser, users can purchase digital books from a variety of online stores.   **5**

   Explain the communication protocols in use during the transmission of a digital book from the supplier's internet fileserver to the user's Digibook.