# Unit 9. Devices for the disabled

## p. 42 ex. 1A

In image A, a blind person types with a Braille printer on an adapted keyboard. In image B, a visually impaired person uses a screen magnifier to read text. In picture C, a motor-impaired person uses a pneumatic switch (sip and puff) to enter text and a screen reader to recognize text. In image D, a person uses a touch screen with an on-screen keyboard and a voice recognition system to enter text.

## p. 43 ex. 2A

1. Americans with Disabilities Act (ADA), UK's Disability Discrimination Act.
2. Braille keyboards, Braille embossers.
3. Speech synthesis system — speech synthesizer and screen reader.
4. Optical Character Recognition (OCR).
5. Eyegaze system.
6. Pneumatic switch (sip and puff).
7. Voice recognition system.

## p. 45 ex. 2B

1. Textphone.
2. Onscreen.
3. Embosser.
4. Alerts.
5. Reader.
6. Magnifier.
7. Braille.

## p. 46 ex. 5

Mr. Johnson,

Since we decided to invest some of its annual IT budget in assistive technologies, here are some examples of how it can be spent. For motor-impaired person, we can purchase a pneumatic switch (sip and puff) for entering text and a screen reader for recognizing text. For blind people, we can purchase a Braille printer with an adapted keyboard. We can also install a voice recognition system for entering text for people who cannot do this using the keyboard. And for visually impaired people on the computer, we can install a screen magnifier for reading text. Also, we can purchase textphones for deaf people so that they can print and read messages.

Sincerely yours, Paul