



Unit 2 • Information and Communication Technology: ICT tools and the internet

Name _____ Class _____ Roll no. _____ Date _____ Marks _____ / 37

1 Key words

[4]

Fill in the blanks with words from the box. Two words in the box are not needed. Each blank carries 0.5 mark.

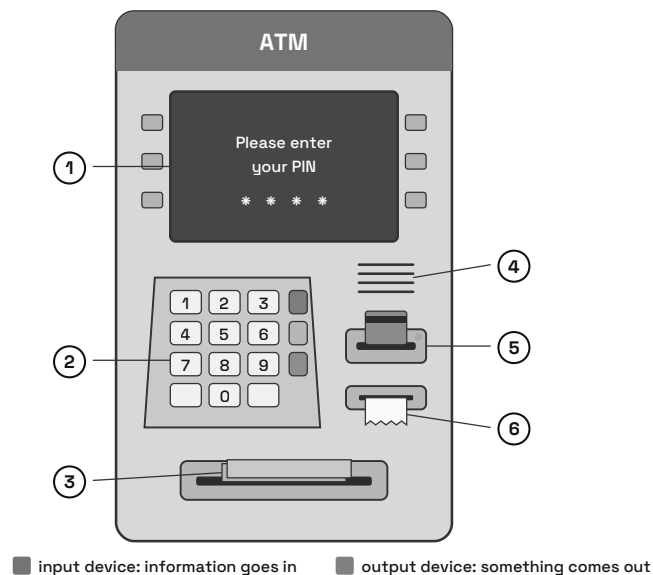
blog browser fuser input device IP address PIN router set-top box toner URL

A device that takes information into a machine is an _____. The secret number typed on an ATM's keypad to prove that the card is yours is the _____. In a photocopier, a fine black powder called _____ sticks to the charged drum, and the hot rollers of the _____ melt it into the paper. A _____ joins networks and sends each piece of data the right way using the _____ of every device. A _____ receives a digital signal, decodes it and shows the channels on a television. The unique address of a website is its _____.

2 Label the diagram

[3]

The diagram shows the front of an ATM. Write the names of the parts numbered 1 to 6. Each carries 0.5 mark.



1. _____

2. _____

3. _____

4. _____

5. _____

6. _____



[5]

Choose the correct option for each of the following questions.

- i. What is the unique address of a website called? [1]
 - a. WWW
 - b. URL
 - c. web browser
 - d. web page
- ii. Which part of an ATM is an input device? [1]
 - a. the receipt printer
 - b. the cash dispenser
 - c. the keypad
 - d. the display screen
- iii. What does a set-top box (STB) do? [1]
 - a. receives the digital signal
 - b. displays the television channel
 - c. decodes the signal
 - d. all of the above
- iv. Why does the toner stick only to the letters, and not to the white parts of the copy? [1]
 - a. the letters are sticky with ink
 - b. light from the white parts of the page removed the drum's charge there, so only the letter shapes stay charged and attract the toner
 - c. the toner is magnetic and the letters are iron
 - d. the lamp burns the toner off the white parts
- v. In the address <https://www.moecdc.gov.np>, what does .np tell you? [1]
 - a. that the site is not public
 - b. that the site is registered in Nepal
 - c. that it is a news portal
 - d. that the connection is secure

[3]

Write very short answers to the following questions.

- a. Which device is used to convert a hard copy into a soft copy? [1]

- b. Write the full form of ISP. [1]

- c. Why does a photocopy come out of the machine warm? [1]

[8]

Write short answers to the following questions.

- a. Write any two differences between a printer and a scanner. [2]



b. Write any two differences between a search engine and a website. [2]

c. Write any two features of an ISP. [2]

d. Give a reason: you should cover the keypad with your other hand while typing your PIN at an ATM. [2]

6 Long answers [8]

Write long answers to the following questions.

a. What kind of technology is an ATM? Write any three of its functions. [4]

b. What is a search engine? Explain the need for search engines, with an example. [4]



[4]

a. A printer prints 20 pages per minute (20 PPM). How long does it take to print 30 copies of a 6-page document?

Answer: _____

- [2]

[illegible]

Answer: _____

[2]

Rita's phone shows full Wi-Fi bars, but no website opens. Her brother's phone, on the same Wi-Fi, can't open any either. Where is the fault most likely to be, and why?

(not marked)

ICT device	Input, output or both?	What I use it for